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The volume of Zoology is published in three parts: Part I contains (a) Schedules and Indexes in four languages; (b) An Author Catalogue. Parts II and III contain (c) A Subject Catalogue.

The Subject Catalogue is divided into sections, each of which is denoted by a four-figure number between 0000 and 9999 called a Registration number. These follow one another in numerical order.

To find the papers dealing with a particular subject the reader may consult either the Schedule or the Index to the Schedule. The numbers given in the index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the outer top corners of the pages.

In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of Part III.

The literature indexed is mainly that of 1905, but includes those portions of the literature of 1901-1904 in regard to which the index slips were received by the Central Bureau too late for inclusion in the previous volumes.

TOPOGRAPHICAL SYMBOLS.

Many of the sections are sub-divided into a number of sub-sections by means of topographical symbols. These symbols are letters printed in italics. They are explained in the Topographical Classification placed at the end of Part III. The topographical symbols are not intended to be used instead of registration numbers.

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TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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0403 COMPREHENSIVE AND GENERAL WORKS.

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Acanthometra. **Popofsky**, A. Die Acantharia der Plankton-Expedition. Tl. I; Kiel u. Leipzig (Lipsius & Tischer), 1904, (158, mit 12 Taf.). *A. mülleri* Haek., *A. elastica* Haek., *A. brevispina* Haek., faunistisch. **Entz**, G., jun. Állatt. Közlem., Budapest, 3, 1904, (122).

Acanthometron n. subgen. **Popofsky**, A. Ergebn. Humboldt-Stiftung, Kiel, 3, Tl. I, 1904, (60); A. (as genus = *Acanthometra*) nn. spp. **Popofsky**, A. l.c. (60-66, pls. III-VI, VIII).

Acanthonia n. subgen. **Popofsky**, A. l.c. (81); A. (n. sensu) nn. spp. **Popofsky**, A. l.c. (86-89, pl. VII).

Acanthonidium n. gen., *A. acutum*, *A. astroide* nn. spp. **Popofsky**, A. l.c. (91-99, pls. I & VII).

Acanthoptera n. gen. for *A. (Lithoptera) mülleri*. **Popofsky**, A. l.c. (104, pl. VIII).

Acolonche n. subgen. (*Acanthonia*). **Popofsky**, A. l.c. (90).

Actinelius minimus n. sp. **Popofsky**, A. l.c. (49).

Actinomma sp., faunistisch. **Entz**, G., jun. Állatt. Közlem., Budapest, 3, 1904, (122).

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Amphilonche n. subgen. **Popofsky**, A. Ergebn. Humboldt-Stiftung, Kiel, 3, Tl. 1, 1904, (106); A. nn. spp. **Popofsky**, A. l.c. (108-113, pls. VIII-X).

Amphilonchidium nn. spp. **Popofsky**, A. l.c. (114-115, pls. VIII-X).

Amphimetron n. subgen. (*Acanthometron*). **Popofsky**, F. l.c. (65).

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Aulastrum meridionale n. sp. **Borgert**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (737).

Aulographis nn. spp. **Immermann**, F. Die Tripyleen-Familie der Aulacanthiden. Kiel u. Leipzig, 1904, (53–55).

Aulokleptes n. gen. **Immermann**, F. l.c. (92).

Autophyton n. gen., *A. tetronyx* n. sp. **Immermann**, F. l.c. (57).

Autospathis monodon n. sp. **Immermann**, F. l.c. (63); *A. pinus* n. sp. **Häcker**, V. Verh. D. zool. Ges., Leipzig, **14**, 1904 (127).

Cadium inauris n. sp. **Borgert**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (747).

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Castanarium schütti n. sp. **Borgert**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (759).

Castanissa nn. spp. **Borgert**, A. l.c. (751–752).

Challengeron radians n. sp. **Borgert**, A. l.c. (743).

Cladococcus arborescens Müll., faunistisch. **Entz**, G., jun. Állatt. Közlem., Budapest, **3**, 1904, (122).

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Protocystis im. spp. **Borgert**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (739–740).

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Rhabdococcus acifer Haeckel, faunistisch. **Entz**, G., jun. Állatt. Közlem., Budapest, **3**, 1904, (122).

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Trizona n. gen., *T. brandti* n. sp. **Popofsky**, A. Ergebn. Humboldt-Stiftung, Kiel, **3**, Tl. I, 1904, (56, pl. V).

Tuscaridium luciae n. sp. **Häcker**, V. Verh. D. zool. Ges., Leipzig, **14**, 1904, (140, 149).

Tuscarora nn. spp. **Häcker**, V. l.c. (141-143).

Tuscarusa nn. spp. **Häcker**, V. l.c. (142, 145-148).

Zygacantha n. subgen. **Popofsky**, A. Ergebn. Humboldt-Stiftung, Kiel, **3**, Tl. 1, 1904, (71); Z. n. spp. **Popofsky**, A. l.c. (71-75, pls. V-VI, IX).

Zygacanthidium nn. spp. **Popofsky**, A. l.c. (76-77, 83, pl. VII).

Zygapophysia n. subgen. (*Zygacantha*). **Popofsky**, A. l.c. (73).

Zygononche n. subgen. (*Amphilonche*). **Popofsky**, A. l.c. (112).

Zygononchidium n. subgen. (*Amphilonchidium*). **Popofsky**, A. l.c. (114).

Zygoptera n. gen. for Z. (*Lithoptera*) *quadrata*. **Popofsky**, A. l.c. (104, pl. VIII, fig. 5).

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Astrorhiza sp., unusually large specimen off Rathlin Isld. **Welch**, R. Irish Nat., Dublin, **13**, 1904, (27).

Biloculina elongata d'Orb., note on. **Sidebottom**, H. Manchester, Mem. Lit. Phil. Soc., **48**, Mem. 5, 1904, (3, pl. II, fig. 8).

Bulima elongata, in British seas, (Lough Lorne). **Gough**, G. C. Irish Nat., Dublin, **13**, 1904, (37).

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Globigerina sp., faunistisch. **Entz**, G., jun. Allatt. Közlem., Budapest, **3**, 1904, (122).

Gromia oviformis Duj., faunistisch. **Entz**, G., jun. l.c. (122).

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Nonionina orbicularis Brady. **Millett**, F. W. *l.e.* (600, pl. XI, fig. 1).

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Pelosina distoma n. sp. **Millett**, F. W. London, J. R. Microsc. Soc., **1904**, (608, pl. XI, figs. 5, 6).

Planispirina nn. spp. **Sidebottom**, H. Manchester, Mem. Lit. Phil. Soc., **48**, Mem. 5, 1901, (20, 21, pl. V, figs. 9-11).

Polymorphina compressa var. *striata*† n. var. Maryland. **Bagg**, R. M., *jun.* Maryland Geol. Surv., Miocene, Baltimore, 1904, (476).

Polystomella crispa (Linn.) *P. verri-culata* Brady. **Millett**, F. W. London, J. R. Microsc. Soc., **1904**, (603-604, pl. XI, figs. 2, 3).

Pulvinulina brongniartii (d'Orb.), *P. oblonga* (Will.) var. *carinata* n. var. **Millett**, F. W. *l.e.* (498, pl. X, figs. 3, 4).

Rotalia amectens var. *concinna* n. var., *R. schroeteriana* Park. and J. var. *inflata* n. var. **Millett**, F. W. *l.e.* (504, 505, pl. X, figs. 5-7).

Sagrina spinosa† n. sp. Maryland. **Bagg**, R. M., *jun.* Maryland Geol. Surv., Miocene, Baltimore, 1904, (480).

Sigmoilina ovata n. sp. **Sidebottom**, H. Manchester, Mem. Lit. Phil. Soc., **48**, Mem. 5, 1904, (6, pl. II, figs. 12, 13).

Spiroculina impressa Tey. **Sidebottom**, H. *l.e.* (5, pl. II, figs. 9-11).

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tick-fever in man. **Wilson**, L. B. and **Chowning**, W. M. London, Journal Infectious Diseases, **1**, 1904, (46-48, pl. II).

Pirosoma bigeminum. Zeckenkrankheit der Rinder.—Haemoglobinaemia ixodioplasmatia boum—in Deutsch-Englisch-Ostafrika u. Uganda. **Schmidt**, A. Diss. Giessen. Berlin (Druck v. L. Schumacher), 1904, (63). 23 cm.

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Sphaerospora platessae n. sp. **Woodcock**, H. M. Liverpool, Proc. Trans. Biol. Soc., **18**, 1904, (60, pl. II, fig. 7 d).

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Tintinnus lusus undae Entz, *T. franknoi* Daday, *T. inquilinus* O. Fr. Müll., faunistisch, Grösse und Variation der Gehäuse. **Entz**, G., jun. *l.c.* (123).

Trachelocerca phoenicopterus Cohn, faunistisch. **Entz**, G., jun. *l.c.* (122).

Utilella azorica Cleve, *U. campanula* Schmidt, *U. claparèdei* (Entz) Daday, *U. hyalina* Daday, faunistisch. **Entz**, G., jun. *l.c.* (124).

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Müll., faunistisch. **Entz**, G., jun. Állatt. Közlem., Budapest, **3**, 1904, (122).

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LIST OF NEW GENERA AND SPECIES.

Acanthapophysia n. subgen. [Radiolaria]. Popofsky. 148.

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———— *bicuspidata*. Popofsky. 148.

———— *decacantha*. Popofsky. 148.

———— *hertwigi*. Popofsky. 148.

———— *plana*. Popofsky. 148.

———— *quadrangula*. Popofsky. 148.

———— *torta*. Popofsky. 148.

Acanthochiasmarium n. subgen. [Radiolaria]. Popofsky. 148.

Acanthochiasmidium n. subgen. [Radiolaria]. Popofsky. 148.

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Acantholonche n. subgen. [Radiolaria]. Popofsky. 148.

Acanthometron n. subgen. [Radiolaria]. Popofsky. 148.

———— *arachnoide*. Popofsky. 148.

———— *armatum*. Popofsky. 148.

———— *cordiforme*. Popofsky. 148.

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Acanthonia n. subgen. [Radiolaria]. Popofsky. 148.

———— *abscisa*. Popofsky. 148.

———— *quadricornia*. Popofsky. 148.

Acanthonidium n. gen. [Radiolaria]. Popofsky. 148.

———— *acutum*. Popofsky. 148.

———— *astroide*. Popofsky. 148.

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 ——— *minimus*. Popofsky. 148.
- ADELEA** [Coccidiidea].
 ——— *transita*. Léger. 97.
- AMOEBEA** [Amoebaea].
 ——— *dumetosa*. Penard. 141.
 ——— *pulverulenta*. Penard. 141.
- Amphiacantha** n. subgen. [Radiolaria].
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- Amphilonche** n. subgen. [Radiolaria].
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 ——— *amphihastata*. Popofsky. 148.
 ——— *atlantica*. Popofsky. 148.
 ——— *biformis*. Popofsky. 148.
 ——— *mira*. Popofsky. 148.
 ——— *nodulosa*. Popofsky. 148.
 ——— *pertenuis*. Popofsky. 118.
 ——— *quadrilata*. Popofsky. 148.
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- AMPHILONCHIDIUM** [Radiolaria].
 ——— *ellipsoide*. Popofsky. 118.
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 zew. 6.
 ——— *arenaria*. Awerinzew. 6.
- AULASTRUM** [Radiolaria].
 ——— *meridionale*. Borgert. 16.
- AULOGRAPHIS** [Radiolaria].
 ——— *tridactylus*. Immerman. 70.
 ——— *uncinata*. Immerman. 70.
- Aulokleptes** n. gen. [Radiolaria].
 Immerman. 70.
- Aulophyton** n. gen. [Radiolaria]. Im-
 merman. 70.
 ——— *tetronyx*. Immermann. 70.
- AULOSPATIS** [Radiolaria].
 ——— *monodon*. Immerman. 70.
 ——— *pinus*. Häcker. 60.
- Blastulidium** n. gen. [Sporozoa]. Pérez.
 143.
 ——— *paedophthorum*. Pérez. 113.
- CADIUM** [Radiolaria].
 ——— *inauris*. Borgert. 16.
- CANNARTISCUS** [Radiolaria].
 ——— *marylandicus*. † Martin.
 117.
- CASTANARIUM** [Radiolaria].
 ——— *schütti*. Borgert. 16.
- CASTANISSA** [Radiolaria].
 ——— *dahli*. Borgert. 16.
 ——— *henseni*. Borgert. 16.
- CHALLENGERON** [Radiolaria].
 ——— *radians*. Borgert. 16.
- CLIMACOSTOMUM** [Ciliata].
 ——— *stepanovii*. Entz. 42.
- COCHILIOFODIUM** [Amoebaea].
 ——— *ambiguum*. Penard. 141.
 ——— *spumosum*. Penard. 111.
- Coelechinus** n. gen. [Radiolaria].
 Häcker. 60.
 ——— *rapiticornis*. Häcker. 60.
- CONCHELLIUM** [Radiolaria].
 ——— *lenticula*. Borgert. 16.
- DIFFUGIA** [Amoebaea].
 ——— *minutissima*. Penard. 141.
- Diffugiella** n. gen. [Amoebaea]. Cash.
 25.
 ——— *apiculata*. Cash. 25.
- DIPLOCYSTIS** [Gregarinida].
 ——— *clerci*. Léger. 97.
- ENTAMOEBEA** [Amoebaea].
 ——— *buccalis*. Prowazek. 152.
 ——— *undulans*. Castellani. 27.
- EUCYRTIDIUM** [Radiolaria].
 ——— *calvertense*†. Martin. 117.
- GONIODOMA** [Dinoflagellata].
 ——— ? *bipes*. Cleve. 32.
- GREGARINA** [Gregarinida].
 ——— *marteli*. Léger. 97.
- HAEMOGREGARINA** [Haemosporidia].
 ——— *catesbianae*. Stebbins. 187.
- Leishmania** n. nom. [Flagellata]. Ross.
 162.
- LITHOCAMPE** [Radiolaria].
 ——— *marylandica*†. Martin. 117.
- Lithoptera** n. subgen. [Radiolaria].
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- Lymphocystis** n. gen. [Sporozoa].
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 ——— *johnstonei*. Woodcock. 206.
- MASSILINA** [Foraminifera].
 ——— *rugosa*. Sidebottom. 178.
- MICROGROMIA** [Foraminifera].
 ——— *elegantula*. Penard. 141.
 ——— *levipes*. Penard. 141.
- MILJOLINA** [Foraminifera].
 ——— *seminulum* var. *cornuta*
 n. var. Sidebottom. 178.
- OPERCULARIA** [Ciliati].
 ——— *clepsinis*. Popow. 149.

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- *archiaci*†. Schlumberger.
171.
———— *bartholomei*†. Schlumberger.
171.
———— *chudeaui*†. Schlumberger.
171.
———— *douvillei*†. Schlumberger.
171.
———— *marthae*†. Schlumberger.
171.
———— *sealaris*†. Schlumberger.
171.

PAMPHAGUS [Foraminifera].

- *bathybioticus*. Penard. 141.

PELOMYXA [Amoebaea].

- *fragilis*. Penard. 141.

PELOSINA [Foraminifera].

- *distoma*. Millett. 121.

Penardia n. gen. [Amoebaea]. Cash. 25.

- *mutabilis*. Cash. 25.

PHACODISCUS [Radiolaria].

- *calvertanus*†. Martin. 117.

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- Popofsky. 148.

PIROPLASMA [Haemosporidia].

- *hominis*. Wilson and
Chowning. 204.

PLANISPIRINA [Foraminifera].

- *schlumbergeri*. Sidebottom.
178.

- *striata*. Sidebottom. 178.

PLASMODIUM [Haemosporidia].

- *vacciniae*. Bosc. 17.

POLYMORPHINA [Foraminifera].

- *compressa* var. *striata*†
n. var. Bagg. 8.

PROTOCYSTIS [Radiolaria].

- *alata*. Borgert. 16.
———— *gravida*. Borgert. 16.
———— *nautiloides*. Borgert. 16.
———— *tridentata*. Borgert. 16.
———— *varians*. Borgert. 16.

Protophrya n. gen. [Ciliata]. Kofoid.
81.

- *ovicola*. Kofoid. 81.

PSEUDOCILAMYS [Amoebaea].

- *arcelloides*. Penard. 141.

PSEUDODIFFLUGIA [Amoebaea].

- *virescens*. Penard. 141.

PULVINCLINA [Foraminifera].

- *oblonga* var. *carinata* n. var.
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Popofsky. 148.**Quadristaurus** n. subgen. [Radiolaria].
Popofsky. 148.

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- *calvertense*†. Martin. 117.
———— *marylandicum*†. Martin.
117.

Rosetta n. gen. [Radiolaria]. Popofsky.
148.

- *elegans*. Popofsky. 148.
———— *triangularis*. Popofsky.
148.

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- *annectens* var. *concinna* n.
var. Millett. 121.
———— *schroeteriana* var. *inflata* n.
var. Millett. 121.

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- *spinosa*†. Bagg. 8.

Schaudinella n. gen. [Gregarinida].

- Nusbaum. 134.
———— *henleae*. Nusbaum. 134.

SIGMOILINA [Foraminifera].

- *ovata*. Sidebottom. 178.

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- *platessae*. Woodcock. 205.

SPONGASTERISCUS [Radiolaria].

- *marylandicus*†. Martin.
117.

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- ? *complanata*. Cleve. 32.

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- Zygoptera** n. gen. [Radiolaria]. Popofsky. 148.

0603-0631 PORIFERA (OR SPONGIDA).

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The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Pleurostigma radiatum†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (507).

Plocoscyphia†. **Holmes**, W. M. Croydon, Proc. Trans. Sci. Soc. Nat. Hist., **1904**, (45-46); *P. convoluta*†, *P.* sp. †. **Hinde**, G. J. Geol. Mag., London, (N. Ser.), [5], **1**, 1904, (484-485); *P. convoluta*†, *P. elegans*†, *P. fenestrata*†, *P. flexuosa*†, *P. foliacea*†, *P. labrosa*†, *P. mcandrina*†, *P. labyrinthica*†, *P. reticulata*†, *P. subrata*†, *P. vagans*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv., U. K., London, **3**, 1904, (507-508); *P. convoluta*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193-296).

Placotrema creta eum†. **Holmes**, W. M. Croydon, Proc. Trans. Sci. Soc. Nat. Hist., **1904**, (45-46).

Polyblastidium racemosum†, *P. tuberosum*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Porochonia simplex†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508); **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193-296).

Ramella n. gen., *R. tubulosa* n. sp. **Schulze**, F. E. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **4**, 1904, (266).

Regadrella delicata n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, (36-42+26 l., with 26 pls.); *R. phoenix* Schmidt, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (39-40).

Rhabdocalyptus baculifer n. sp. **Schulze**, F. E. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **4**, 1904, (266); *R. unguiculatus* n. sp. **Ijima**, I. Tokyo, J. Coll. Sci., **18**, Art 7, 1904, (1-307, with 23 pls.).

Sarostegia n. gen., *S. oculata* n. sp. Iles du Cap-Vert. **Topsent**, E. Monaco, Bull. Mus., **1904**, No. 10, (1-8).

Sclerothamnopsis n. gen. *S. compressa* n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, (84-87).

Scyphia pedunculata†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Sestrocladia furcatus†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (508).

Sphenodictya n. gen., *S. cornigera*† n. sp. Ohio Carboniferous. **Herzer**, H. Columbus, Rep. Ohio Acad. Sci., **9**, (1900), 1901, (30-31, with illustr.).

Sporadoscinea capax†, *S. micrommata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Stauractinella cretacea†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (508).

Staurocalypus nn. spp. **Ijima**, I. Tokyo, J. Coll. Sci., **18**, Art. 7, 1901, (1-307, with 23 pls.).

Stauronema carteri†, *S. lobatum*†, *S. planum*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Strephinia convoluta†, *S. retiformis*†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (508).

Toulminia obliqua†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (509).

Tremabolites perforatus†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (509).

Ventriulites† spp. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (509); *V.*† spp. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193-296); *V. decurrens*†, *V. impressus*†, *V. aleynoides*†, *V. radiatus*†. **Holmes**, W. M. Croydon, Proc. Trans. Sci. Soc. Nat. Hist., **1904**, (15-16).

Verrucocoelia tubulata†, *V. vectensis*†, *V.* sp.†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (509).

DEMOSPONGIAE.

CARNOSA.

Orticella geodioides (Carter), re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (77-79).

Placinastrella oxeata n. sp. **Topsent**, E. l.c. (102-103).

Thrombus abyssi (Carter) Sollas var. *niger* n. var. **Topsent**, E. l.c. (100-102).

TETRACTINELLIDA.

Alaxinia costata†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Azorica pfeifferae (Carter), re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (63-64).

Bolospongia constricta†, *B. globata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Callopegma obconicum†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193-296); *C. ficioideum*†, *C. obconicum*†,

C.† sp. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Characella pachastrelloides (Carter), re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (95).

Chrotella amphiacantha n. sp. **Topsent**, E. l.c. (96-97).

Corallistes noli-tangere Schmidt, re-described. **Topsent**, E. l.c. (59-60).

Craniella cranium (Muller) Sollas, re-described; *C. disigma* n. sp. **Topsent**, E. l.c. (99-100).

Ctenodopora calodietya†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Discodermia ramifera, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (57-58).

Doryderma ramosum, *D. roemerii*†, *D.*† sp. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (506).

Erylus nummulifer, *E. mammillaris* (Schmidt), re-described; nn. spp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (71-75).

Geodia cosaster (Sollas), re-described; nn. spp. **Topsent**, E. l.c. (67-71).

Hallirhoa agariciformis†, *H. costata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (506).

Heterostinia obliqua†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (506); *H.* **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193-296).

Isoraphinia tecta†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (506).

Jerea cordiformis†, *J. excavata*†? *J. websteri*†, *J.*† sp. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (506).

Jereica clava†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (506).

Macandrewia azorica Gray, re-described; nn. spp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (60-62).

Monorepidium vermiculatum, re-described. **Topsent**, E. l.c. (148).

Nelumbia tuberosa†, N.† sp. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (506)

Nematinion calyculum†, N.† sp. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (507).

Nethea amygdaloides (Carter), re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (94).

Ophraphidites anastomosans. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (507).

Pachastrella convoluta†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (507); *P. monilifera* Schmidt, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (92-94).

Pachinion scriptum†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (507).

Penares foliaformis n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, (111-114); *P. sclerobesa* n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (82-83).

Petromica grimaldii, re-described. **Topsent**, E. l.c. (64-66).

Pholidoeladia dichotoma†, *P. ramosa*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (507).

Phymaplectia cribrata†, *P. irregularis*†, *P. scitula*†, *P. spinosa*. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (507).

Phymatella intumescens†, *P. reticulata*†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (507).

Pilochrota lactea (Carter), re-described; nn. spp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (79-82).

Plinthosella† spp. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (507); *P. squamosa*†. **Hinde**, G. J. Geol. Mag., London, (N. Ser.), [5], **1**, 1904, (484, 485).

Poecillastra nn. spp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, (101-110); *P. compressa* (Bowerbank) Sollas *P. symbiotica*, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (89-92).

Polyjerea arbuscula†, *P. lobata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K. London, **3**, 1904, (508).

Racodiscula clara (Schmidt), re-described. **Topsent**, E. l.c. (58).

Ragadinia clavata†, *R. compressa*†, *R. sulcata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Rhaxella perforata H. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (n. ser.), 54 and 55, **1904**, (40).

Seytalia fastigiata†, *S. radiceformis*†, *S. terebrata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Scliscothion explanatus†, *S. planus*†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (508).

Siphonia ficus †, *S. koenigi*†, *S. tulipa*. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (508).

Siphonidium ramosum Schmidt, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (63).

Sphinctrella horridae Schmidt, *S. ornata* Sollas, *S. gracilis* Sollas, description. **Topsent**, E. l.c. (86-89).

Stachyspongia spica†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Stelletta inclusa†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508); **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (293); *S. tuberosa*, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (75-77).

Stichophyma tumidum†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Stryphnus fortis (Vosmaer) Sollas, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (83-85).

Tethyopsis cretaceus†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Tetilla longipilis n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (97-99).

Thamnospongia† spp. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508-509).

Thecosiphonia nobilis†, *T. turbinata*†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (509).

Thena nn. spp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, (88-100); *T. schmidtii* Sollas, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (85).

Trachysyeon sulcatum†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (509).

Turonia variabilis†. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (509).

Verruculina† spp. **Jukes-Browne**, A. J. and **Hill**, W. l.c. (509).

MONAXONIDA.

Acanthoraphis intertextus†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Aearnus tortilis, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (171).

Alectona millari Carter, re-described. **Topsent**, E. l.c. (111-112).

Artemisina erecta n. sp. **Topsent**, E. l.c. (214-215).

Auletta dendrophora n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30**, 1904, (158-161); *A. sycinularia* Schmidt, re-described. *A. sessilis* n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (143-145).

Axinella flustra, re-described; nn. spp. **Topsent**, E. l.c. (139-142).

Biemma rosea (Fristedt) **Lundbeck**, *B. grimaldii*, re-described. **Topsent**, E. l.c. (226-228).

Bubaris vermiculata (Bowerbank) **Gray**, *B. mastophora*, re-described; *B. sosia* n. sp. **Topsent**, E. l.c. (145-147).

Carterius stepanowi Dyb., eine zweite deutsche Fundstätte. **Zacharias**, O. Biol. Centralbl., Leipzig, **23**, 1903, (483-484).

Ceraochalina nuda var. *oxyus* Lend. described; *C. reteplax* var. *tenuis* n. var. **Thum**, E. Bruxelles, Ann. Soc. roy. malac., **38**, (1903), 1904, (Mém. 15-17, figs. 12-17).

Cerberis toquata, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (160-161).

Chalina oculata. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (186).

Chalinissa elongata var. *tenuispicula* n. var., *C. communis* var. *tenuis* n. var. **Thum**, E. Bruxelles, Ann. Soc. roy. malac., **38**, (1903), 1904, (Mém. 13-14, figs. 8-10).

Chalinopora typica var. *tenuispina* Lend. described. **Thum**, E. l.c. (Mém. 11, figs. 1-4).

Chondrocladia gutteli n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (207-209).

Cladochalina euplex Lend. described. **Thum**, E. Bruxelles, Ann. Soc. roy. malac., **38**, (1903), 1904, (Mém. 11-12, figs. 5-7).

Cladocroce spathiformis n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (242-243).

Cliona celata. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (186); *C. cretacea*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (293); *C. cretacea*†, *C. glomerata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904 (505); *C. labyrinthica* Hancock, *C. levispira*, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (105-107).

Clione, pearls originated. **Herdman**, W. A. London, Rep. Brit. Ass., **1903**, (695).

Dendoryx dentata n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (172-173).

Desmacella inornata (Bowerbank), re-described. **Topsent**, E. l.c. (225-226).

Desmacidon fruticosus (Johnston) Bowerbank; nn. spp. **Topsent**, E. l.c. (203-205).

Dotona pulchella Carter, re-described. **Topsent**, E. l.c. (108-109).

Drugmatyle n. gen., *D. victor* n. sp. **Topsent**, E. l.c. (195).

Esperella tunicata (Schmidt) Vosmaer, re-described, *L. fascifibula* n. sp. **Topsent**, E. l.c. (200-201).

Esperiopsis villosa Carter, re-described; nn. spp. **Topsent**, E. l.c. (211-214).

Euchalina exigua var. *arborescens* Lend. described. **Thum**, E. Bruxelles, Ann. Soc. roy. malac., **38**, (1903), 1904, (Mém. 20-21, figs. 25, 26).

Forcepia description of genus, *F. bulbosa* (Carter) Vosmaer, re-described; *F. imperfecta* n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (177-180).

Gelliodes bifacialis n. sp. **Topsent**, E. l.c. (229-230).

Gellius flagellifer Ridley and Dendy, re-described. **Topsent**, E. l.c. (231-232); *G. perforatus* n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30**, 1904, (130, 134).

Guitarra rotula n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (209-211).

Halichondria fibrosa (Fristedt) Lundbeck, *H. leuconoides*, re-described. **Topsent**, E. l.c. (247-249); *H. panicea*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (186).

Halicnemis constellata var. *azorica* n. var. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (149).

Hamacantha johnsoni (Bowerbank) Gray, *H. schmidtii* (Carter) Lundbeck, *H. clavisacpta* re-described; nn. spp. **Topsent**, E. l.c. (215-224).

Heteroxya corticata, re-described. **Topsent**, E. l.c. (133-135).

Higginsia thielei, re-described. **Topsent**, E. l.c. (150-151).

Hymedesia chondrilloides, *H. stelligera* (Carter) description, *H. unistellata* var. *aspera* n. var. **Topsent**, E. l.c. (112-113).

Hymeniacidon sanguineum. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (186).

Hymeraphia clava Bowerbank, *H. viridis*, *H. affinis*, *H. peachii*, re-described; nn. spp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (161-167).

Hymerhabdia oxytrunca n. sp. **Topsent**, E. l.c. (159-160).

Hymetrochota n. gen., *H. rotula* n. sp. **Topsent**, E. l.c. (168).

Iophon nn. spp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30**, 1904, (143-154).

Jaspis johnstoni (Schmidt), *J. johnstoni* var. *incrustans*, *J. dendyi* (Sollas), re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (128-130).

Joyeuxia viridis, re-described; *J. tubulosa* n. sp. **Topsent**, E. l.c. (205-207).

Latrunculia biannulata, *L. insignis*, re-described. **Topsent**, E. l.c. (115-117).

Leptolabis n. gen. (for *L. luciensis*), *L. forcipula*, *L. arcuata*, *L. forcipula* var. *brunnea* n. var. **Topsent**, E. l.c. (181-185); *L. luciensis*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (186).

Leptosastra n. gen., *L. constellata* n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (194).

Leptosia dujardini (Bowerbank), *L. occulta*, *L. pecqueryi*, *L. kochleri*, *L. schmidtii*, *L. baculifera*; nn. spp. **Topsent**, E. l.c. (185-193).

Lissodendoryx nn. spp. **Topsent**, E. l.c. (173-174).

Metschnikowia spinispiculum (Carter), *M. filholi*, re-described. **Topsent**, E. l.c. (243-244).

Myxilla paupertas (Bowerbank) Vosmaer, re-described, *M. mariana* Ridley et Dendy var. *polysigma* n. var. **Topsent**, E. l.c. (168-170).

Oceanapia bacillifera n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30**, 1904, (128-130); *O. robusta* (Bowerbank) Norman, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (228-229).

Orycordyla n. gen., *O. pellita* n. sp. **Topsent**, E. l.c. (135-136).

Pachychalina aeapuleensis n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30**, 1904, (124-127).

Petrosia nn. subspp. **Wilson**, H. V. l.c. (118-124); *P. crassa* (Carter) Lundbeck, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. 25, 1904, (240-241).

Phakellia lamelligera n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., 30, 1904, (155-158); *P. robusta* Bowerbank, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. 25, 1904, (143).

Phloeodictyon fistulosum (Bowerbank), *P. elongatum* (Topsent) Lundbeck, re-described; nn. spp. **Topsent**, E. l.c. (235-240).

Phlytaenopora n. gen., *P. bitorquis* n. sp. **Topsent**, E. l.c. (198-200).

Phyllosiphonia pumila Lend. described. **Thum**, E. Bruxelles, Ann. Soc. roy. malac., 38, (1903), 1904, (Mém. 17-18, figs. 18, 19).

Plocamia ambigua (Bowerbank), *P. coriacea* (Bowerbank) var. *elegans* Ridley et Dendy, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. 25, 1904, (154-155).

Plocamiopsis n. gen., *P. signata* n. sp. **Topsent**, E. l.c. (155-156).

Polymastia corticata Ridley et Dendy, re-described. **Topsent**, E. l.c. (119-120); *P. maeandria* n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., 30, 1904, (115-117).

Reviera implexa Schmidt, re-described; nn. spp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. 25, 1904, (244-246).

Rhabderemia minutula (Carter), re-described. **Topsent**, E. l.c. (152-153).

Rhabdoploca n. gen. for *R. curvispiculifera* (Carter). **Topsent**, E. l.c. (157).

Raphidurus setosus, re-described. **Topsent**, E. l.c. (120-122).

Raphidotheca loricata, re-described. **Topsent**, E. l.c. (202-203).

Rhaphisia spissa, re-described. **Topsent**, E. l.c. (233-235).

Rhizaxinella nn. spp. **Topsent**, E. l.c. (126-128).

Saxiporus richardi, re-described. **Topsent**, E. l.c. (117-119).

Sollasella hystrix, re-described. **Topsent**, E. l.c. (142-143).

Spinoseella sororia var. *dilatata* Dendy, var. *elongata* Dendy described. **Thum**, E. Bruxelles, Ann. Soc. roy. malac., 58, (1903), 1901, (Mém. 18-20, figs. 20-24).

Spongosorites placenta, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. 25, 1904, (130-131).

Stelodoryx n. gen., *S. procera* n. sp. **Topsent**, E. l.c. (174-176).

Stylostichon repens n. sp. **Topsent**, E. l.c. (170).

Stylotella jullieni, re-described. **Topsent**, E. l.c. (224-225).

Subcrites nn. spp. **Topsent**, E. l.c. (124-126); *S. domuncula*, Spongosterin, eine cholesterinartige Substanz aus, und seine angebliche Beziehung zum Lipochrom dieses Tieres. **Henze**, M. Hoppe-Seylers Zs. physiol. Chem., Strassburg, 41, 1904, (109-124); *S. domuncula*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., 7, 1904, (186).

Subrotelites demonstrans, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. 25, 1904, (157).

Syringella humilis, *S. falcifera*, re-described. **Topsent**, E. l.c. (138-139).

Tedania suctoria Schmidt, *T. commixta* Ridley et Dendy, re-described. **Topsent**, E. l.c. (176-177).

Thoosa armata, re-described. **Topsent**, E. l.c. (109-111).

Topsentia glabra Berg, *T. pachastrelloides*, re-described. **Topsent**, E. l.c. (131-133).

Trachyforcepia n. gen. for *T. groenlandica* (Fristedt). **Topsent**, E. l.c. (181).

Tragosia infundibuliformis, *T. polyoides*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., 7, 1904, (186).

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Ynesia pertusa, *Y. alecto*, re-described, *Y. carnosa* n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. 25, 1904, (196-198).

KERATOSA.

Aplysinopsis *nu.* spp. **Szymanski**, M. Zool. Anz., Leipzig, **27**, 1904, (445-449).

Darwinella simplex, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (55-56).

Hirenia vestibulata n. sp. **Szymanski**, M. Zool. Anz., Leipzig, **27**, 1904, (445-449).

MYXOSPONGIDA.

Halisarca dujardini. **M. B. A.** Plymouth., J. Mar. Biol. Ass., **7**, 1904, (186).

INCERTAE SEDIS.

Talpina dendrina†, *T. ramosa*†, *T. solitaria*†. **Jukes-Browne**, A. J. and **Hill**, W. The Cretaceous Rocks of Britain. Mem. Geol. Surv. U. K., London, **3**, 1904, (503).

LIST OF NEW GENERA AND SPECIES.

- APLYSINOPSIS* [Keratosa].
 ——— *massa*. **Szymanski**. 22.
 ——— *tuberosa*. **Szymanski**. 22.
ARTEMISINA [Monaxonida].
 ——— *erecta*. **Topsent**. 24.
AULETTA [Monaxonida].
 ——— *dendrophora*. **Wilson**. 28.
 ——— *sessilis*. **Topsent**. 24.
AXINELLA [Monaxonida].
 ——— *vasonuda*. **Topsent**. 24.
 ——— *velleræa*. **Topsent**. 24.
BATHYDORUS [Hexactinellida].
 ——— *levis*; *spinosus* n. subsp. **Wilson**. 28.
BUBARIS [Monaxonida].
 ——— *sosia*. **Topsent**. 24.
CAULOPHACUS [Hexactinellida].
 ——— *schulzei*. **Wilson**. 28.
CERAOCALINA [Monaxonida].
 ——— *repleax* var. *tenuis* n. var. **Thum**. 23.
CHALINISSA [Monaxonida].
 ——— *communis* var. *tenuis* n. var. **Thum**. 23.
 ——— *elongata* var. *tenuispicula* n. var. **Thum**. 23.

- Chaunangium* n. gen. [Hexactinellida]. **Schulze**. 21.
 ——— *crater*. **Schulze**. 21.
CHONDROCLADIA [Monaxonida].
 ——— *guiteli*. **Topsent**. 24.
CHROTELLA [Tetractinellida].
 ——— *amphiacantha*. **Topsent**. 24.
CLADOCROCE [Monaxonida].
 ——— *spathiformis*. **Topsent**. 24.
Compsocalyx n. gen. [Hexactinellida]. **Schulze**. 21.
 ——— *gibberosa*. **Schulze**. 21.
CRANIELLA [Tetractinellida].
 ——— *disigma*. **Topsent**. 24.
DENDORYX [Monaxonida].
 ——— *dentata*. **Topsent**. 24.
DESMACIDON [Monaxonida].
 ——— *abyssi*. **Topsent**. 24.
 ——— *peltatus*. **Topsent**. 24.
Dragmatyle n. gen. [Monaxonida]. **Topsent**. 24.
 ——— *licitor*. **Topsent**. 24.
ERYLUS [Tetractinellida].
 ——— *chavesi*. **Topsent**. 24.
 ——— *granularis*. **Topsent**. 24.
ESPERELLA [Monaxonida].
 ——— *fascifibula*. **Topsent**. 21.
ESPERIOPSIS [Monaxonida].
 ——— *decora*. **Topsent**. 24.
 ——— *glomeris*. **Topsent**. 24.
EUPLECTELLA [Hexactinellida].
 ——— *nobilis*. **Schulze**. 21.
EURETE [Hexactinellida].
 ——— *erectum*: *gracile* n. subsp. **Wilson**. 28.
 ——— ——— *micronatum* n. subsp. **Wilson**. 28.
 ——— ——— *tubuliferum* n. subsp. **Wilson**. 28.
FARREA [Hexactinellida].
 ——— *oceæ*: *claviformis* n. subsp. **Wilson**. 28.
 ——— ——— var. *laminaris* n. var. **Topsent**. 24.
 ——— ——— *mexicana*. **Wilson**. 28.
FORCEPIA [Monaxonida].
 ——— *imperfecta*. **Topsent**. 24.
GELLIODES [Monaxonida].
 ——— *bifacialis*. **Topsent**. 24.
GELLIUS [Monaxonida].
 ——— *perforatus*. **Wilson**. 28.

- GEODIA** [Tetractinellida].
 — *echinastrella*. Topsent. 24.
 — *sphaerastrella*. Topsent. 24.
- GUIARRA** [Monaxonida].
 — *roluta*. Topsent. 24.
- HALICNEMIA** [Monaxonida].
 — *constellata* var. *azorica* n. var.
 Topsent. 24.
- HAMACANTHA** [Monaxonida].
 — *carteri*. Topsent. 24.
 — *implicans* var. *azorica* n.
 var. Topsent. 24.
 — *integra*. Topsent. 24.
 — *lundbecki*. Topsent. 24.
- HEXACTINELLA** [Hexactinellida].
 — *labyrinthica*. Wilson. 28.
- HIRCINIA** [Keratosa].
 — *vestibulata*. Szymanski. 22.
- HOLASCUS** [Hexactinellida].
 — *obesus*. Schulze. 21.
 — *tenuis*. Schulze. 21.
- HYALASCUS** [Hexactinellida].
 — *similis*. Ijima. 13.
- HYALONEMA** [Hexactinellida].
 — *bianchoratum*. Wilson. 28.
 — *calix*. Schulze. 21.
 — *coniforme*. Schulze. 21.
 — *molle*. Schulze. 21.
 — *nicobaricum*. Schulze. 21.
 — *pateriferum*. Wilson. 28.
 — *pedunculatum*. Wilson. 28.
 — *proximum*. Schulze. 21.
 — *simile*. Schulze. 21.
 — *solutum*. Schulze. 21.
 — *somalicum*. Schulze. 21.
 — *tulipa*. Schulze. 21.
 — *urna*. Schulze. 21.
 — *valdiviae*. Schulze. 21.
 — *validum*. Schulze. 21.
- HYMEDESMIA** [Monaxonida].
 — *unistellata* var. *aspera* n. var.
 Topsent. 24.
- HYMERAPHIA** [Monaxonida].
 — *hispidula*. Topsent. 24.
 — *mucronata*. Topsent. 24.
 — *mutabilis*. Topsent. 24.
 — *pilosella*. Topsent. 24.
 — *spinispinosa*. Topsent. 24.
- HYMERHABDIA** [Monaxonida].
 — *oxytrunca*. Topsent. 24.
- Hymetrochota** n. gen. [Monaxonida].
 Topsent. 24.
 — *rotula*. Topsent. 24.

- IOPHON** [Monaxonida].
 — *chelifer*: *ostia - magna*
 n. subsp. Wilson. 28.
 — *lamella*. Wilson. 28.
 — *indivisus* n.
 subsp. Wilson. 28.
 — *indentatus*. Wilson. 28.
- JOYEUXIA** [Monaxonida].
 — *tubulosa*. Topsent. 24.
- Leptolabis** n. gen. [Monaxonida].
 Topsent. 24.
 — *arcuata*. Topsent. 24.
 — *forcipula*. Topsent. 24.
 — *var. brunnea*
 n. var. Topsent. 24.
- Leptosastra** n. gen. [Monaxonida].
 Topsent. 24.
 — *constellata*. Topsent. 24.
- LEPTOSIA** [Monaxonida].
 — *acerata*. Topsent. 24.
 — *biscutella*. Topsent. 24.
 — *obtusata*. Topsent. 24.
 — *rhapigigena*. Topsent. 24.
 — *umbellifera*. Topsent. 24.
- LISSODENDORYX** [Monaxonida].
 — *fertilior*. Topsent. 24.
 — *simplex*. Topsent. 24.
- MACANDREWIA** [Tetractinellida].
 — *ramosa*. Topsent. 24.
 — *robusta*. Topsent. 24.
- Monorhaphis** n. gen. [Hexactinellida].
 Schulze. 21.
 — *chuni*. Schulze. 21.
 — *divis*. Schulze. 21.
- MYXILLA** [Monaxonida].
 — *mariana*: var. *polysigma*
 n. var. Topsent. 24.
- OCEANAPIA** [Monaxonida].
 — *bacillifera*. Wilson. 28.
- Oxycordyla** n. gen. [Monaxonida].
 Topsent. 24.
 — *pellita*. Topsent. 24.
- PACHYCHALINA** [Monaxonida].
 — *acapulcensis*. Wilson. 28.
- PENARES** [Tetractinellida].
 — *foliaformis*. Wilson. 28.
 — *sclerobesa*. Topsent. 24.
- PETROSIA** [Monaxonida].
 — *similis*: *densissima* n. subsp.
 Wilson. 28.
 — *variabilis*: *crassa* n. subsp.
 Wilson. 28.
- PHAKELLIA** [Monaxonida].
 — *lamelligera*. Wilson. 28.

- PHLOEODICTYON** [Monaxonida].
 ——— *aerum*. Topsent. 24.
 ——— *coriaceum*. Topsent. 24.
 ——— *reticulatum*. Topsent. 24.
Phlyctaenopora n. gen. [Monaxonida].
 ——— Topsent. 24.
 ——— *bitorquis*. Topsent. 24.
PILOCHIROTA [Tetractinellida].
 ——— *inermis*. Topsent. 24.
 ——— *ventricosa*. Topsent. 24.
PLACINASTRELLA [Carnosa].
 ——— *oxeata*. Topsent. 24.
Platylistrum n. gen. [Hexactinellida].
 ——— Schulze. 21.
 ——— *platessa*. Schulze. 21.
Plocamiopsis n. gen. [Monaxonida].
 ——— Topsent. 24.
 ——— *signata*. Topsent. 24.
POECILLASTRA [Tetractinellida].
 ——— *cribraria*. Wilson. 28.
 ——— *tricornis*. Wilson. 28.
POLYMASTIA [Monaxonida].
 ——— *macandria*. Wilson. 28.
POROSPIAERA [Calcarea].
 ——— *arrecta*. Hinde. 11.
 ——— *patelliformis*. Hinde. 11.
Ramella n. gen. [Hexactinellida].
 ——— Schulze. 21.
 ——— *tubulosa*. Schulze. 21.
REGADRELLA [Hexactinellida].
 ——— *delicata*. Wilson. 28.
RENIERA [Monaxonida].
 ——— *foraminosa*. Topsent. 24.
 ——— *spongiosa*. Topsent. 24.
 ——— *utriculus*. Topsent. 24.
RHABDOCALYPTES [Hexactinellida].
 ——— *baculifer*. Schulze. 21.
 ——— *unguiculatus*. Ijima. 13.
Rhabdoploca n. gen. [Monaxonida].
 ——— Topsent. 24.
RHIZAXINELLA [Monaxonida].
 ——— *biseta*. Topsent. 24.
 ——— *uniseta*. Topsent. 24.
Sarostegia n. gen. [Hexactinellida].
 ——— Topsent. 25.
 ——— *oculata*. Topsent. 25.
Sclerothamnopsis n. gen. [Hexactinellida].
 ——— Wilson. 28.
 ——— *compressa*. Wilson. 28.
Sphenodictya n. gen. [Hexactinellida].
 ——— Herzer. 9.
 ——— *cornigera* †. Herzer. 9.
STAUROCALYPTUS [Hexactinellida].
 ——— *affinis*. Ijima. 13.
 ——— *entacanthus*. Ijima. 13.
 ——— *tubulosus*. Ijima. 13.
Stelodoryx n. gen. [Monaxonida].
 ——— Topsent. 24.
 ——— *proccra*. Topsent. 24.
STYLOSTICHON [Monaxonida].
 ——— *repens*. Topsent. 24.
SUBERITES [Monaxonida].
 ——— *gibbosiceps*. Topsent. 24.
 ——— *laticeps*. Topsent. 24.
TETILLA [Tetractinellida].
 ——— *longipilis*. Topsent. 24.
THENEA [Tetractinellida].
 ——— *cchinata*. Wilson. 28.
 ——— *lamelliformis*. Wilson. 28.
 ——— *pyriformis*. Wilson. 28.
THROMBUS [Carnosa].
 ——— *abyssi* var. *niger* n. var.
 ——— Topsent. 24.
Trachyforcepia n. gen. [Monaxonida].
 ——— Topsent. 24.
TYLODESMA [Monaxonida].
 ——— *alba*. Wilson. 28.
 ——— *vestibularis*. Wilson. 28.
YVESIA [Monaxonida].
 ——— *carnosa*. Topsent. 24.

0803 0831 CŒLENTERATA (OR CNIDARIA).

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent Subject entries and in the list of new genera and species in place of the full reference. The reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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LIST OF NEW GENERA AND SPECIES.

ACTINOSTOLA [Zoantharia].

——— *chilensis*. McMurich. 93.

ACTINOSTROMA [Hydromedusae].

——— *trentonensis*†. Weller. 138.

AEQUORIA [Hydromedusae].

——— *maldivensis*. Browne. 9a.

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——— *antarctica*. Jäderholm. 70.

——— *heterodonta*. Jäderholm. 70.

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——— *octagona*. Bigelow. 6.

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——— *gracilis*†. Törnquist. 128.

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——— *gravidum*. Linko. 86.

Amphogona [Hydromedusae]. Browne. 9a.

Anisopsammia n. gen. [Zoantharia]. Marenzeller. 95.

Anthograptus† n. gen. [Graptolites]. Törnquist. 129.

——— *nidus*†. Törnquist. 129.

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 ——— *constricta* var. *maldivensis*
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 ——— *nilivulensis*. Forster-Cooper. 33A.
 ——— *regularis*. Forster-Cooper. 33A.
 ——— *rubra*. Forster-Cooper. 33A.
 ——— *riminalis*. Roule. 117.
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 ——— *plantagenista*. Forster-Cooper. 33A.
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 ——— Whiteaves. 139.
 ——— *gracilis*†. Whiteaves. 139.
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 ——— *conradi*. Vaughan. 136.
- ASTROCOENIA [Zoantharia].
 ——— *pygmaea*†. Felix. 30, 32.
- Aulocyathus n. gen. [Zoantharia].
 ——— Marenzeller. 95.
 ——— *jurensiens*. Marenzeller. 95.
- AURELIA [Scyphomedusae].
 ——— *maldicensis*. Bigelow. 6.
- BOLINA [Ctenophora].
 ——— *oralis*. Bigelow. 6.
- Boloceropsis n. gen. [Zoantharia].
 ——— McMurrich. 93.
 ——— *platei*. McMurrich. 93.
- BOUGAINVILLIA [Hydromedusae].
 ——— *glorietta*. Torrey. 131.
- BRYOGRAPTUS [Graptolites].
 ——— *lapworthi*†. Ruedemann. 120.
 ——— *pusillus*†. Ruedemann. 120.
 ——— *simplex*†. Törnquist. 129.
- CAMPANULARIA [Hydromedusae].
 ——— *hesperia*. Torrey. 131.
 ——— *lemnensis*. Jäderholm. 70.
- CARYOPHYLLIA [Zoantharia].
 ——— *antarctica*. Marenzeller. 95.
 ——— *capensis*. Gardiner. 36.
 ——— *diomedea*. Marenzeller. 97.
 ——— *epithecata*. Gardiner. 36.
- CERATOISIS [Alcyonaria].
 ——— *ramosa*. Hickson. 60.
- CERATOTROCHUS [Zoantharia].
 ——— *delicatus*. Marenzeller. 95.
- CERIANTHUS [Zoantharia].
 ——— *danielsseni*. Roule. 115.
- CESTUS [Ctenophora].
 ——— *pectenalis*. Bigelow. 6.
- (CHAETETES ?) [Zoantharia].
 ——— *bristoliensis*. Vaughan. 135.
- CHITONANTHUS [Zoantharia].
 ——— *castaneus*. McMurrich. 93.
- Choriactis n. gen. [Zoantharia]. McMurrich. 93.
 ——— *crassa*. McMurrich. 93.
- CIRRIPATHES [Zoantharia].
 ——— *gardineri*. Forster-Cooper. 33A.
- CLADOPORA [Zoantharia].
 ——— *multiseriata*†. Weller. 138.
- CLIMACOGRAPTUS [Graptolites].
 ——— *pungens*†. Ruedemann. 120.
- CLONOGAPTUS [Graptolites].
 ——— *subtilis*†. Törnquist. 129.
- CLYTIA [Hydromedusae].
 ——— *bakeri*. Torrey. 131.
 ——— *hendersoni*. Torrey. 131.
 ——— *universitatis*. Torrey. 131.
- COELORIA [Zoantharia].
 ——— *cooperi*. Gardiner. 39.
 ——— *magna*. Gardiner. 39.
- CORALLIUM [Alcyonaria].
 ——— *pusillum*. Kishinouye. 80.
- CRIBRINA [Zoantharia].
 ——— *conica*. McMurrich. 93.
 ——— *elongata*. McMurrich. 93.
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 ——— *perkinsi*. Seely. 124.
- CYCLOLITES [Zoantharia].
 ——— *choffati*†. Felix. 30, 32.
- CYPHASTRAEA [Zoantharia].
 ——— *intermedia*†. Felix. 31.
 ——— *maldivensis*. Gardiner. 39.
 ——— *suradivae*. Gardiner. 39.
- DENDRACIS [Zoantharia].
 ——— *meridionalis*†. Törnquist. 128.
- DENDROGAPTUS [Graptolites].
 ——— *fluitans*†. Ruedemann. 120.
 ——— *maximus*†. Wiman. 140.
 ——— *succulentus*†. Ruedemann. 120.

- DESMOGRAPTUS** [Graptolites].
 ——— *formosus*†. Wiman. 140.
 ——— *intricatus*†. Ruedemann. 120.
DESMOPHYLLUM [Zoantharia].
 ——— *capense*. Gardiner. 36.
DICELLOGRAPTUS [Graptolites].
 ——— *angulatus*. Elles and Wood. 28.
 ——— *complanatus*, var. *ornatus*†
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 ——— *divaricatus* var. *salopiensis*†
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 ——— *sexrans* var. *exilis*† n. var.
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DICHOGRAPTUS [Graptolites].
 ——— *regularis*†. Törnquist. 129.
DICRANOGRAPTUS [Graptolites].
 ——— *brericanus*†. Elles and Wood. 28.
 ——— *celticus*†. Elles and Wood. 28.
 ——— *cyathiformis*†. Elles and Wood. 28.
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 ——— *furciferum*†. Ruedemann. 120.
 ——— *rectilineatum*†. Ruedemann. 120.
DIDYMOGRAPTUS [Graptolites].
 ——— *caduceus*: *nanus*† n. mut.
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 ——— *cuspidatus*†. Ruedemann. 120.
 ——— *ellesi*†. Ruedemann. 120.
 ——— *forecipiformis*†. Ruedemann. 120.
 ——— *incertus*†. Ruedemann. 120.
 ——— *spinosis*†. Ruedemann. 120.
 ——— *törnquisti*†. Ruedemann. 120.
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 ——— *allmani*. Torrey. 131.
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 ——— *affine*†. Felix. 30, 32.
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 ——— *laxus*†. Ruedemann. 120.
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 ——— Wiman. 140.
 ——— *schmidtii*. Wiman. 140.
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 ——— *capensis*. Gardiner. 36.
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 ——— *tertia*. Gardiner. 39.
 ——— *magna*. Gardiner. 39.
EIRENE [Hydromedusae].
 ——— *danduensis*. Bigelow. 6.
ERRINA [Hydromedusae].
 ——— *maerogastra*. Marenzeller. 97.
EURGORIA [Acyonaria].
 ——— *gilchristi*. Hickson. 60.
EUTHYSA [Hydromedusae].
 ——— *tentaculata*. Linko. 86.
 ——— *tetrabrachia*. Bigelow. 6.
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 ——— *californensis*.. Torrey. 132.
EUTIMETA [Hydromedusae].
 ——— *lactea*. Bigelow. 6.
FAVIA [Zoantharia].
 ——— *adduensis*. Gardiner. 39.
 ——— *hululensis*. Gardiner. 39.
 ——— *laccadirica*. Gardiner. 39.
 ——— *minor* n. f. Felix. 31.
 ——— *parrimurata*. Gardiner. 39.
FAVOSITES [Zoantharia].
 ——— *corrugatus*†. Weller. 138.
FLABELLUM [Zoantharia].
 ——— *belluncense*. Oppenheim. 109.
 ——— *chunii*. Marenzeller. 95.
 ——— *deludens*. Marenzeller. 95.
 ——— *inconstans*. Marenzeller. 95.
 ——— *magnificum*. Marenzeller. 95.
 ——— *stabile*. Marenzeller. 95.
Galeograptus† n. gen. [Graptolites].
 ——— Wiman.
 ——— *wennerstenii*†. Wiman. 140.
GLOSSOGRAPTUS [Graptolites].
 ——— *echinatus*†. Ruedemann. 120.
 ——— *hystrix*†. Ruedemann. 120.
GONIOGRAPTUS [Graptolites].
 ——— *geometricus*†. Ruedemann. 120.
 ——— *perflexilis*†. Ruedemann. 120.
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 ——— *depressum*. Goto. 46.
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 ——— *pelagicus*. Bigelow. 6.

- GYROSTOMA [Zoantharia].
 ————— *incertum*. McMurrich. 93.
 ————— *selkirkii*. McMurrich. 93.
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 ————— *carlpreti*. McMurrich. 92.
- HALLASTHUS [Zoantharia].
 ————— *chilensis*. McMurrich. 93.
- HALICORNARIA [Hydromedusae].
 ————— *regae*. Jäderholm. 70.
 ————— *expansa*. Jäderholm. 70.
- HIPPOCRENE [Hydromedusae].
 ————— *aurea*. Linko. 86.
- HORMATHIA [Zoantharia].
 ————— *exlex*. McMurrich. 93.
- HYDNOTORA [Zoantharia].
 ————— *grandis*. Gardiner. 39.
 ————— *maldicensis*. Gardiner. 39.
- HYDRACTINIA [Hydromedusae].
 ————— *californica*. Torrey. 131.
 ————— *multispinosa*†. Ulrich. 131.
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 ————— *salenskii*. Pawyloff. 17.
- INOCALIS [Graptolites].
 ————— *musciiformis*†. Wiman. 110.
- JUNCCELLA [Acyonaria].
 ————— *spiral's*. Hickson. 60.
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 ————— *socia*. Swenander. 126.
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 ————— *grimaldii*. Roule. 117.
- LIRIOPE [Hydromedusae].
 ————— *hemisphericus*. Bigelow. 6.
 ————— *indica*. Bigelow. 6.
- LYTOCARPUS [Hydromedusae].
 ————— *gracilicaulis*. Jäderholm. 70.
- Malacogorgia** n. gen. [Acyonaria].
 ————— Hickson. 60.
 ————— *capensis*. Hickson. 60.
- MENOPHYLLUM [Zoantharia].
 ————— *ulrichanum*†. Girty. 42.
- METRIDIUM [Zoantharia].
 ————— *parvulum*. McMurrich. 93.
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 ————— Ulrich. 131.
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 ————— *jacgerstiocldi*. Holm. 63.
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 ————— *brunescens*. Bigelow. 6.
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 ————— *singularis*. Browne. 9A.
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 ————— Goto. 46.
 ————— *formosa*. Goto. 46.
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 ————— *humphreysi*†. Felix. 31.
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 ————— *nimikoensis*. Gardiner. 39.
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 ————— *acismanni*. Hargitt. 52.
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 ————— McMurrich. 93.
- PARAZOANTHUS [Zoantharia].
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 ————— *simplex*. Bigelow. 6.
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 ————— *tenue*. Browne. 9A.
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 ————— *transiens*†. Felix. 30, 32.
- PRIONASTRAEA [Zoantharia].
 ————— *suadivae*. Gardiner. 39.
- PROBOSCHACTYLIA [Hydromedusae].
 ————— *tropica*. Browne. 9A.
 ————— *varians*. Browne. 9A.
- PROTOPTILUM [Acyonaria].
 ————— *dedicatum*. Jungersen. 73.
- PSEUDOCYLTIA [Hydromedusae].
 ————— *gardineri*. Browne. 9A.
- PTILOGRAFTUS [Graptolites].
 ————— *tenuissimus*†. Ruedemann. 120.
- Reticulograptus**† n. gen. [Graptolites].
 ————— Wiman. 140.

- ROMINGERIA [Zoantharia].
 ——— *trentonensis*†. Weller. 138.
- SAGARTIA [Zoantharia].
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- SCHIZOGRAPTUS [Graptolites].
 ——— *ambiguus*†. Törnquist. 129.
 ——— *rotans*†. Törnquist. 129.
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 ——— *plana*. Jäderholm. 70.
- SERTULARIA [Hydromedusae].
 ——— *cirata*. Jäderholm. 70.
- Sigmagraptus**† n. gen. [Graptolites].
 ——— Ruedemann. 120.
 ——— *præcursor*†. Ruedemann. 120.
- SOLENASTRAEA [Zoantharia].
 ——— *anomala*†. Felix. 31.
- SPHENOTROCHUS [Zoantharia].
 ——— *aurantiacus*. Marenzeller. 95.
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 ——— *dichotomus* var. *apertus*† n. var. Ruedemann. 120.
- STEPHANOCOENIA [Zoantharia].
 ——— *maldivensis*. Gardiner. 39.
- STEPHANOTROCHUS [Zoantharia].
 ——— *campaniformis*. Marenzeller. 95.
 ——— *explanans*. Marenzeller. 95.
- STICHOPATHES [Zoantharia].
 ——— *abyssicola*. Roule. 117.
 ——— *dissimilis*. Roule. 117.
 ——— *flagellum*. Roule. 117.
 ——— *maldivensis*. Forster-Cooper. 33a.
 ——— *richardi*. Roule. 117.
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 ——— var. *chazianum* n. var. Seely. 124.
 ——— *moniliferum*. Seely. 124.
- Strophograptus** n. gen. [Graptolites].
 ——— Ruedemann. 120.
 ——— *trichomanes*†. Ruedemann. 120.
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 ——— *affinis*. Jäderholm. 70.
 ——— *arctica*. Jäderholm. 68.
- STYLASTER [Hydromedusae].
 ——— *divergens*. Marenzeller. 97.
- SYNTHECIUM [Hydromedusae].
 ——— *protectum*. Jäderholm. 70.
- TEMNOGRAPTUS [Graptolites].
 ——— *noveboracensis*†. Ruedemann. 120.
- TETRAGRAPTUS [Graptolites].
 ——— *clarkei*†. Ruedemann. 120.
 ——— *lentus*†. Ruedemann. 120.
 ——— *pygmaeus*†. Ruedemann. 120.
 ——— *vestrogothus*†. Törnquist. 129.
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 ——— Bigelow. 6.
 ——— *agassizii*. Bigelow. 6.
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 ——— *oriskania*†. Weller. 138.
- Trichogorgia** n. gen. [Aleyonaria].
 ——— Hickson. 60.
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 ——— Parks. 111.
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 ——— *atlantica*. Roule. 117.
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 ——— *operculata*. Jäderholm. 70.

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TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Echinaster purpureus. **Herdman**, W. A. l.c. (145).

Gonodiscus? sp. juv. **Herdman**, W. A. l.c. (144).

Henricia squinolenta. **Cole**, W. Stratford, Essex Nat., **13**, 1904, (301); **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (208).

Linckia pacifica var. *diplax*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (145).

Laidia hardwickii, and young? *L. maculata*. **Herdman**, W. A. l.c. (143); *L. sarsi*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (207).

Metrochira subulata. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (145).

Nardoa tuberculata. **Herdman**, W. A. l.c. (145).

Ophiaster cylindricus, *O. helicostichus*, juv. **Herdman**, W. A. l.c. (145).

Palmipes placenta. **M. B. A.** Plymouth J. Mar. Biol. Ass., **7**, 1904, (207).

Pentaceros sp. juv., *P. mammillatus*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (144); *P. euphuus* n. sp. **Sluiter**, C. P. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (51-54).

Phataria, variability and autotomy. **Monks**, S. P. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (596-600, with pl.).

Porania pulvillus. **M. B. A.** Plymouth J. Mar. Biol. Ass., **7**, 1904, (207).

Retaster cribrosus, *R. insignis*. **Herdman**, W. A. and **Bell**, F. J. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (145-150).

Solaster intermedius n. sp. **Sluiter**, C. P. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (51-64); *S. papposus*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (208).

Sphaeraster molassicus† n. sp. **Schütze**, E. Stuttgart, Jahreshefte Ver. Natk., **60**, 1904, (147-188).

Stellaster ineci. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (143).

OPHIUROIDEA.

Amphilepis nn. spp. **Koehler**, R. Siboga Expedition. Leide, Livr. 15, Monogr. **45**, 1904, (94).

Amphiura sp. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (146); *A.* nn. spp. Siboga expedition. **Koehler**, R. Leide, Livr. 15, Monogr. **45**, 1904, (77-93); *A. chiagi*, *A. elegans*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (209).

Astroceras compar. n. sp. Siboga Expedition. **Koehler**, R. Leide, Livr. 15, Monogr. **45**, 1904, (158).

Astrocharis n. gen., *A. virgo* n. sp. Siboga Expedition. **Koehler**, R. l.c. (160).

Astrogomphus munitus n. sp. Siboga Expedition. **Koehler**, R. l.c. (157).

Astroschema [printed in error *Astrochema*] nn. spp. Siboga Expedition. **Koehler**, R. l.c. (161-164).

Astrotoma nn. spp. Siboga Expedition. **Koehler**, R. l.c. (151-155).

Ophiacantha nn. spp. Siboga Expedition. **Koehler**, R. l.c. (102-121).

Ophiactis nn. spp. Siboga Expedition. **Koehler**, R. l.c. (97-98).

Ophiarachna incrassata. **Herdman**, W. H. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (146).

Ophiobyrssella erinaceus n. sp. Siboga Expedition. **Koehler**, R. Leide, Livr. 15, Monogr. **45**, 1904, (152).

Ophiocamax rugosa n. sp. Siboga Expedition. **Koehler**, R. l.c. (139).

Ophioceramis declinans n. sp. Siboga Expedition. **Koehler**, R. l.c. (15).

Ophiochiton nn. spp. Siboga Expedition. **Koehler**, R. l.c. (69-71).

Ophiochrysis n. gen. *O. ornata* n. sp. Siboga Expedition. **Koehler**, R. l.c. (35).

Ophiocircæ n. gen., *O. inutilis* n. sp. Siboga. **Koehler**, R. l.c. (13).

Ophiocnemis marmorata. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1901, (116).

Ophiocnida brachiata. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (209).

Ophiocoma echinata, section of ray figured. **Burne**, R. H. Catal. Mus. Roy. Coll. Surgeons, London, 2nd Edit., **2**, 1904, (2); *O. nigra*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (209); *O. nigra*, variation and Echinodermata of the Firth of Clyde. **McIntosh**, W. C. London, Rep. Brit. Ass., **1903**, (696-697); *O. scolopendrina*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1901, (146).

Ophiocoris grandisquama n. sp. Siboga Expedition. **Koehler**, R. Leide, Livr. **15**, Monogr. **45**, 1904, (11).

Ophiocrates n. gen., *O. lenta* n. sp. Siboga Expedition. **Koehler**, R. l.c. (19).

Ophiocreas sibogae n. sp. Siboga Expedition. **Koehler**, R. l.c. (165).

Ophioderæ neglecta n. sp. Siboga Expedition. **Koehler**, R. l.c. (153).

Ophiodoris n. gen., *O. malignus*, *O. errans*, *O. contrarius* nn. spp. Siboga Expedition. **Koehler**, R. l.c. (72-75).

Ophioglypha nn. spp. Siboga Expedition. **Koehler**, R. l.c. (38-54).

Ophiolutece n. gen., *O. seminudum* n. sp. Siboga Expedition. **Koehler**, R. l.c. (32-33).

Ophiolypus levis n. sp. Siboga Expedition. **Koehler**, R. l.c. (21).

Ophiomastus perplexus n. sp. Siboga expedition. **Koehler**, R. l.c. (29).

Ophiomaza cacaotica. **Herdmann**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (147).

Ophiomidas n. gen., *O. reductum*, *O. alatum* nn. spp. Siboga Expedition. **Koehler**, R. Leide, Livr. **15**, Monogr., **45**, 1904, (26-27).

Ophiomitrella nn. spp. Siboga Expedition. **Koehler**, R. l.c. (133-137).

Ophiomoeris n. gen., *O. spinosa* n. sp. Siboga Expedition. **Koehler**, R. l.c. (17).

Ophiomusium nn. spp. Siboga Expedition. **Koehler**, R. l.c. (56-61).

Ophiomyces delata n. sp. Siboga Expedition. **Koehler**, R. l.c. (100).

Ophiomytis n. gen., *O. weberi* n. sp. Siboga Expedition. **Koehler**, R. l.c. (112).

Ophiomyxa ? juv. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1901, (147).

Ophionereis ? sp. **Herdman**, W. A. l.c. (116).

Ophiopallas n. gen., *O. paradoxa* n. sp. Siboga Expedition. **Koehler**, R. Leide, Livr. **15**, Monogr. **45**, 1904, (12).

Ophioplithaca nn. spp. Siboga Expedition. **Koehler**, R. l.c. (123-130).

Ophiopsila aranea. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (209).

Ophiopteron elegans, wide distribution. **Herdman**, W. A. and **Bell**, F. J. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1901, (147, 148).

Ophiopyren delatum n. sp. Siboga Expedition. **Koehler**, R. Leide, Livr. **15**, Monogr. **45**, 1904, (10).

Ophiopyrgus nn. spp. Siboga Expedition. **Koehler**, R. l.c. (30-31).

Ophiosecolex pertinax n. sp. Siboga Expedition. **Koehler**, R. l.c. (145).

Ophiathanus stultus n. sp. Siboga Expedition. **Koehler**, R. l.c. (141).

Ophiotholia multispina n. sp. Siboga Expedition. **Koehler**, R. l.c. (99).

Ophiothrix, variability, *O?* *aspidota*, *O?* *vereidina*. **Herdman**, W. A. and **Bell**, F. J. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1901, (146, 150); *O.* nn. spp. Siboga Expedition. **Koehler**, R. Leide, Livr. **15**, Monogr. **45**, 1904, (146-150); *O. fragilis*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (210); *O. fragilis*, embryology. **MacBride**, E. W. Amer. Nat., Boston, Mass., **38**, 1904, (508-511, with text fig.).

Ophiotoma assimilis n. sp. Siboga Expedition. **Koehler**, R. Leide, Livr. **15**, Monogr., **45**, 1904, (141).

Ophiozona nn. spp. Siboga Expedition. **Koehler**, R. l.c. (22-24).

Ophiura sp. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (146); **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (293); *O. albidula*, *O. ciliaris*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (208).

Ophiurina? **Bather**, F. A. in **Fox**, H. Penzance, Trans. R. Geol. Soc. Cornwall, **12**, 1904, (752). [Proves to be a new genus, 1905].

Pectinura nn. spp. Siboga Expedition. **Koehler**, R. Leide, Livr. 15, Monogr. **45**, 1904, (8); *P. gorgonia*, *P. intermedia*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (146).

ECHINOIDEA.

GENERAL.

Fourtau. Contribution à l'étude de la faune échinitique du Golfe de Suez. Cairo, Bull. Inst. Egypt, **1903**, (407-446, with 1 pl.).

Lambert, J. Notes sur les Echinides recueillis par M. Tournouër en Patagonie. Paris, Bul. soc. géol., (sér. 4), **3**, 1903, (474-485, av. pl.).

Meijere, J. C. H. de. Die Echinoidea der Siboga-Expedition. Résultats des explorations zool. bot. océanogr. géol., entreprises à bord du Siboga, publiés par Max Weber. Leide, (E. J. Brill), Livr. 14, Monogr. **43**, 1904, (252, mit 23 Taf.).

Savin, L. Catalogue des Echinides de la Savoie. Paris, C.-R. Ass. franç. avanc. sci., **31**, (Montauban, 1902). 1^e partie, 1902, (211-212); 2^e partie, 1903, (489-491).

Sluiter, C. P. Echiniden des Museums zu Amsterdam. Amsterdam, Bijdr. Dierk., **17** **18**, 1901, (65-74).

SPECIAL.

Acrosalenia chartroni, note. **Lambert**, J. Paris, Bul. soc. géol., (sér. 1), **3**, 1901, (538-545, av. pl.); *A. decorata*. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), **54**, **55**, **1904**, (10, 19).

Amblypneustes griseus Blaino. **Hall**, T. S. Vict. Nat., Melbourne, **21**, 1904, (70-73).

Araeosoma ousteni (corr. *oustoni*) n. sp. Sagami Bay, 50 fms. **Mortensen**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (82, pls. II, V).

Arbacia pustulosa, natura della partenogenesi [in essa]. **Ariola**, V. Genova, Boll. Musei zool. anat. comp., No **3**, 1901, (1-12, con 1 tav.); Genova, Atti Soc. ligustica sc. nat. geogr., **12**, 1902, (192-203).

Archaeocidaris sp.† **Hind**, W. London, Rep. Brit. Ass., **1903**, (186, 188); *A. ourayensis*† n. sp. Colorado. **Girty**, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. **16**, 1903, (329); *A. regimontana*† n. sp. Giessen. **Parkinson**, H. Berlin, Zs. D. geol. Ges., **55**, 1903, (365); *A. urei*. **Hind**, W. London, Rep. Brit. Ass., **1903**, (192); *A. urei*. **Peach**, B. N. and **Horne**, J. Edinburgh, Trans. R. Soc., **40**, 1904, (848).

Asthenosoma heteracelis, *A. ijimai*, madreporite, pedicellariae, spicules, radioles. **Mortensen**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (87, 88, pl. III, V); *A. tessellatum*? juv. = *Asthenosoma gracile* A. Ag. Challenger Stat. 219. **Mortensen**, T. l.c. (86, pl. IV).

Brissopsis sp. nondescr. **Barron**, T. Geol. Mag., London, [5], **1**, 1904, (607).

Calveria gracilis incl. *Asthenosoma longispinum* Yosh. **Mortensen**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (89).

Cardiaster† n. sp. en trop mauvais état pour recevoir un nom spécifique nouveau. Madagascar. **Lambert**, J. Paris, Bul. soc. géol., (sér. 4), **3**, 1903, (76); *C. ananchytis*†, great size radioles attached, *C. cotteaui*†, *C. pilula*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193-296).

Chuniola† n. gen., *C. carolinae* n. sp. **Gagel**, C. Berlin, Jahrb. geol. Landesanst., **23**, (1902), 1903, (525-543, mit 2 Taf.).

Cidaris sp.† **Burnet**, A. Geol. Mag., London, (N. Ser.), [5], **1**, 1904, (172-176); *C.* nn. spp. Siboga-Expedition. **Meyere**, J. C. H. de. Livr. 14, Monogr. **43**, 1904, (252, mit 23 Taf.); *C. clavigera*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (252, 293);

- C. dissimilis*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 51, 55, 1904, (80); *C. edwardsi*?†. **Short**, A. R. London, Q. J. Geol. Soc., 60, 1904, (170-193); *C. gaultina*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, 1904, (78). **Fearnside**, W. G. London, Q. J. Geol. Soc., 60, 1904, 360-363; *C. hirudo*†. **Hinde**, G. J. Geol. Mag., London, (N. Ser.), [5], 1, 1904, (482-487); **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (256, 266, 293); *C. metularia*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (138); *C. perornata*†. **Burnet**, A. Geol. Mag., London, (N. Ser.), [5], 1, 1904, (172-176); **Hinde**, G. J. l.c. (482-487); *C. sceptriifera*†. **Burnet**, A. l.c. (172-176); **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (252, 256, 266, 293); *C. smithi*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, 1904, (40, 49, 54, 59); *C. sorigneti*†, distinguished from *C. clavigera*. **Jukes-Browne**, A. J. Mem. Geol. Surv. U. K., London, [5], 3, 1904, (456); *C. subresiculosa*†. **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (252, 256, 266, 293); *C. vesiculosa*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, 1904, (80).
- Clypeaster audouini* n. sp. Golfe de Suez. **Fourtau**, R. Cairo, Bull. Inst. Egypt, 1903, (407-446, with 1 pl.); *C. humilis*. (= *rosaceus*), *C. scutiformis*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (141).
- Clypeus subulatus*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, 1904, (VIII + 120, with 11 pls. and text-figs.).
- Codiopsis valotairei*† n. sp. Craie de Touraine. **Lambert**, J. Paris, Bul. soc. géol. (sér. 4), 3, 1903, (89-92, av. pl.).
- Collyrites bicordata*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, 1904, (30, 40, 49).
- Cyphosoma corollare*†. **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (252, 266, 293); *C. koenigi*. **Hinde**, G. J. Geol. Mag., London, (N. Ser.), [5], 1, 1904, (482-487); *C. radiatum*†.
- Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (241-293).
- Desorella*, the genus. **Woods**, H. Geol. Mag., London, [5], 1, 1904, (479-481, pl. XVI, 1 text-fig.).
- Diadema saratile*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (139).
- Discoidea cylindrica*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, 1904, (80).
- Echinanthus testudinarius*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (141).
- Echinobrissus clivicularis*†, *E. orbicularis*†, *E. scutatus*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 51, 55, 1904, (23, 49, 54, with fig.).
- Echinocardium australe* Gray. **Hall**, T. S. Vict. Nat., Melbourne, 21, 1904, (70-73); *E. flavescens*, *E. pennatifidum*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., 7, 1904, (211).
- Echinoconus conicus*†. **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (251); **Hinde**, G. J. Geol. Mag., London, (N. Ser.), [5], 1, 1904, (482-487).
- Echinocorys (Ananchytes) scutatus*†. **Burnet**, A. l.c. (172-176); *E. pyramidalis*†. **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (256); *E. scutatus*† cum varr. *pyramidatus* et *striatus*. **Hinde**, G. J. Geol. Mag., London, (N. Ser.), [5], 1, 1904, (482-487); *E. vulgaris*†. **Dibley**, G. E. l.c. (525-526); **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (239, 243, 247, 250, 255, 265, 293).
- Echinocyamus* sp. **Hall**, T. S. Vict. Nat., Melbourne, 21, 1904, (70-73); *E. pusillus*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., 7, 1904, (210).
- Echinodiscus auritus*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (142).
- Echinolampas oviformis*. **Herdman**, W. A. l.c. (142).
- Echinoneus cyclostomus*. **Herdman**, W. A. l.c. (142); **Gardiner**, J. S. Fauna Mald. Laccad. Archip., London, 1, 1904, (95).

Echinopatagus cordiformis. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, 1904, (72-76).

Echinostrephus molare. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (139).

Echinothuria sp. **Salter**, M. Fossils of Torquay, etc., London, 1904, (1-28).

Echinus acutus, *E. cseulentus*, *E. miliaris*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., 7, 1901, (210); *E. cseulentus*. **Burne**, R. H. Catalogue Mus. Roy. Coll. Surgeons, London, 2nd edit., 2, 1904, (4); *E. gilchristi* n. sp. Cape Good Hope. **Bell**, F. J. Cape Town, Marin. Invest., 3, 1904, (170); *E. miliaris* L., development. **Théel**, H. Stockholm, Vet.-Ak. Bih., Afd. IV, 28, No. 7, 1902, (11, with pls.).

Eobriissus n. gen. of Prynmodesmids Spatangoids, type *E. townsendi* n. sp. Coast of Oman. **Bell**, F. J. Ann. Mag. Nat. Hist., London, (Ser. 7), 13, 1904, (236-237).

Epiaster nutrix† **Lambert** 1899. **Lambert**, J. Paris, Bul. soc. géol., (Ser. 4), 3, 1903, (86-87).

Eupatagus valenciennesii L. Ag. **Hall**, T. S. Vict. Nat., Melbourne, 21, 1904, (70-73).

Fibularia australis? 12-15 petalopores. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (141); *F. voeltzkovi*† n. sp. **Tornquist**, A. Frankfurt a. M. Abh. Senckenb. Ges., 27, 1901, (321-338, mit 1 Taf.).

Fibulina n. gen., *F. gracilis*† n. sp. **Tornquist**, A. l.c. (321-338, mit 1 Taf.).

Foxaster complanatus†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, 1904, (73).

Genocidaris decipiens n. sp. Siboga expedition. **Meyere**, J. C. H. de. Livr. 14, Monogr. 43, 1904, (76).

Goniocidaris tubaria Lamk. **Hall**, T. S. Vict. Nat., Melbourne, 21, 1904, (70-73).

Gymnechinus pulchellus n. sp. Siam. **Mortensen**, F. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 7), 1, Nr. 1. 1904, (113); *G. pumilio* n. sp. Siboga expedition.

Meyere, J. C. H. de. Livr. 14, Monogr. 43, 1904, (90).

Hapalosoma, relations to *Asthenosoma*. **Mortensen**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (85).

Hemiaster, discussed with *H. bufo* as type, *Trachyaster* as subgenus, etc. **Bather**, F. A. Geol. Mag., London, (N. Ser.), [5], 1, 1904, (297); *H.* †, quelques petites espèces de la craie blanche. **Lambert**, J. Auxerre, Bul. soc. sci. hist. nat., 2^e partie: Sciences phys. et nat., 57, 1903, [1904], (21-31); *H. cubicus* †, distinguished from *Linthia oblonga*. **Newton**, R. B. l.c. (441-445); *H. minimus* †. **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (241); *H. sudanensis*† n. sp. Eocene, Sokoto. **Bather**, F. A. Geol. Mag., London, (N. Ser.), [5], 1, 1904, (299, pl. XI); *H. vancouverensis* n. sp. British Columbia. **Whiteaves**, J. F., Amer. J. Sci., New Haven, Conn., (Ser. 4), 18, 1904, (287-289).

Hemicidaris intermedia†. **Fox-Strangways**, C. Mem. Geol. Surv., Eng., London, (N. Ser.), 54, 55, 1904, (59).

Hemipodina woodwardi †. **Fox-Strangways**, C. l.c. (23).

Hessotiarra minor, note. **Lambert**, J. Paris, Bul. soc., géol., (ser. 4), 3, 1904, (538-545, av. pl.).

Holaster laevis†, *H. rotundus*†, *H. subglobosus* †, *H. suborbicularis*†, *H. treecensis* ?†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, 1904, (78, 80); *H. placenta* †, *H. planus*†. **Burnet**, A. Geol. Mag., London, (N. Ser.), [5], 1, 1904, (172-176); **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (248, 294, 241, 243, 293); **Jukes-Browne**, A. J. Mem. Geol. Surv., U. K., London, 3, 1904, (457-458); *H. stümekii* † n. sp. **Wollemann**, A. Berlin, Abh. geol. Landesanst., (N.F.), 37, 1902, (28).

Holactypus oblongus †, *H. scutatus* †. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, 1904, (40).

Holopneustes porosissimus, L. Ag. **Hall**, T. S. Vict. Nat., Melbourne, 21, 1904, (70-73).

Homocaster andouini † n. sp. Madagascar. **Lambert**, J. Paris, Bul. soc. géol., (ser. 4), 3, 1903, (80-81).

Infulaster excentricus †. **Burnet**, A. Geol. Mag., London, (N. Sér.), [5], 1, 1904, (172-176); *I. excentricus* †, *I. rostratus* †, enlarged ranges. **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (248, 249, 251, 256, 266, 291).

Laganum nn. spp. Siboga Expedition. **Meyere**, J. C. H. de. Livr. 14, Monogr. 43, 1904, (120-129); *L. depressum*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (141).

Lampadaster gauthieri † **Lambert** 1896. **Lambert**, J. Paris, Bul. soc. géol., (sér. 1), 3, 1903, (75).

Linthia australis Gray. **Hall**, T. S. Vict. Nat., Melbourne, 21, 1904, (70-73); *L. bisulca* †, *L. cotteau* †, *L. dubia* †, *L. duerooequi* †, distinguished from *Hermaster sudanensis*, *L. paneli* †, *L. sindensis* †. **Bather**, F. A. Geol. Mag., London, (N. Sér.), 1, 1904, (302, 303); *L. oblonga* †, Cenomanian, Sinai, described and figured. **Newton**, R. B. l.c. (441-445, pl. XV).

Lovenia elongata. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (142).

Maretia zeisëi † n. sp. **Gagel**, C. Berlin, Jarb. geol. Landesanst., 23, (1902), 1903, (525-543, mit 2 Taf.); *M. planulata*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (142).

Micraster spp. † **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (245-294); *M. coranguinum* †. **Hinde**, G. J. Geol. Mag., London, (N. Sér.), [5], 1, 1904, (482-487); **Jukes-Browne**, A. J. Mem. Geol. Surv. U. K., London, 3, 1904, (27); *M. cortestudinarium* †, *M. leskei* †. **Burnet**, A. Geol. Mag., London, (N. Sér.), [5], 1, 1904, (172-176); **Jukes-Browne**, A. J. Mem. Geol. Surv. N. K., London, Cret. Rocks Great Britain, 3, 1904, (24-26); *M. meunieri* † **Lambert** 1896. **Lambert**, J. Paris, Bul. soc. géol., (ser. 4), 3, 1903, (76-77); *M. praeursor* †. **Jukes-Browne**, A. J. Mem. Geol. Surv. U. K., London, [5], 3, 1904, (24).

Microcyphus zigzag, l. Ag. **Hall**, T. S. Vict. Nat., Melbourne, 21, 1904, (70-73).

Palaeodiscus †, anatomy. **Spencer**, W. K. London, Proc. R. Soc., 74, 1904, (31-46, pl. I, 12 text-figs.).

Phyllacanthus imperialis. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pl. 2, Supp. Rep. 10, 1904, (139).

Plesiolampas † discussed, *P. saharae* † n. sp. Eocene, Sokoto. **Bather**, F. A. Geol. Mag., London, (N. Sér.), [5], 1, 1904, (292-293, pl. XI).

Pleurechinus nn. spp. Siam. **Mortensen**, T. Kjöbenhavn, Vid. Selsk. Skr., [Ser. 7], 1, Nr. 1, 1901, (81-89).

Pseudoboletia maculata. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Suppl. Rep. 10, 1904, (139).

Pseudodiadema bronniarti †, distinguished from *P. variolare* †; *P. mackiei* †, maintained. **Jukes-Browne**, A. J. Mem. Geol. Surv. U. K., London, [5], 3, 1904, (455, 456); *P. depressum* †, *P. pentagonum* †, *P. vagans* †, *P. versipora* †. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Sér.), 54, 55, 1904, (15, 23, 10, 51, 59); *P. primacrum*, note. **Lambert**, J. Paris, Bul. soc. géol., (sér. 1), 3, 1901 (538-545, av. pl.).

Pygaster semisulcatus †. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Sér.), 54, 55, 1904, (9).

Pygurus pentagonalis †. **Fox-Strangways**, C. l.c. (10, 49).

Rhabdocidaris maxima †, *R. phillipsi* †. **Fox-Strangways**, C. l.c. (15, fig. 59).

Salenia granulosa †. **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1901, (241, 252, 256, 293).

Salenidia boulei † n. sp. Madagascar. **Lambert**, J. Paris, Bul. soc. géol., (ser. 4), 3, 1903, (82-83).

Salmacis bicolor, *S. sulcata*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (140).

Schizaster gibberulus. **Herdman**, W. A. l.c. (112); *S. howa* † n. sp. **Tornquist**, A. Frankfurt, a. M., Abh. Senckenb. Ges., 27, 1901, (321-338, mit 1 Taf.); *S. savignyi* n. sp., var. *major* n. var. Golfe de Suez. **Fourtau**, R. l.c. (136-139).

Spatangus (?) nn. spp. **Gagel**, C. Berlin, Jarb. geol. Landesanst., 23, (1902), 1903, (525-543, mit 2 Taf.); *S. purpurens*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., 7, 1904, (211).

Sperosoma quincunciale n. sp. Siboga-Expedition. **Meyere**, J. C. H. de. Livr. 14, Monogr. 43, 1904, (40).

Stephanolepis bispinosa. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (138).

Strechinus suevicus† n. sp. **Schutze**, E. Stuttgart. Jahreshefte Ver. Natk., 60, 1901, (147-188).

Strongylocentrotus erythrogrammus Val. **Hall**, T. S. Vict. Nat., Melbourne, 21, 1904, (70-73).

Temnopleurus toreumaticus. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (140).

Toxopneustes pileolus. **Herdman**, W. A. l.c. (140).

Tromikosoma mordeus n. sp. Siboga-Expedition. **Meyere**, J. C. H. de. Livr. 14, Monogr. 43, 1904, (39).

Zeugopleurus rowei in Marsupites zone. **Rowe**, A. W. London, Proc. Geol. Ass., 18, 1904, (255, 256, 293).

HOLOTHURIOIDEA.

GENERAL.

Koningsberger, J. C. Tripang und Tripangfischerei in Niederländisch Indien. (Holländisch) Buitenzorg, Meded. Plant., 71, 1904, (II + 72, mit 9 Taf.).

Sluiter, C. P. Holothurien des Museums zu Amsterdam. Amsterdam, Bijdr. Dierk., 17 18, 1901, (75-82).

SPECIAL.

Cucumaria brunnea. **M. B. A.** Plymouth, J. Mar. Biol. Ass., 7, 1904, (206); *C. hyndmani*. **M. B. A.** l.c. (206); *C. normani*. **M. B. A.** l.c. (206); *C. normani* n. sp. Plymouth, 10 fms. including *Holothuria pentactes* var. Montagu 1808 and *C. montagu* Norm. 1893 specimen A. **Pace**, S. l.c. (305-309); *C. pentactes*, Linné sp. indeterminate, name rejected. **Pace**, S. l.c. (305-309); *C. saxicola*. **M. B. A.** l.c. (206); *C. saxicola* incl. "*C. montagu*" Norm. 1893 specimens B, C. **Pace**, S. l.c. (305-309).

Holothuria, sopra una nuova gonade delle Oloturie. **Polara**, G. Zool. Anz.,

Leipzig, 28, 1904, (33-37); *H. atra*, *H. maculata*. **Gardiner**, J. S. Fauna Mald. and Laccad. Archip., 1, 1904, (339, 392); *H. nigra*. **Burne**, R. H. Echinodermata. In: Catal. Roy. Coll. Surgeons Museum, London, 2nd Edit., 2, 1904, (5); *H. nigra*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., 7, 1904, (207).

Psolus valvatus n. sp. **Oestergren**, H. Zool. Anz., Leipzig, 27, 1904, (659).

Semperiadrumondii Herouard. **Pace**, S. Plymouth, J. Mar. Biol. Ass., 7, 1904, (305-309).

Stichopus chloronotus. **Gardiner**, J. S. Fauna Mald. and Laccad. Archip., 1, 1904, (339); *Stichopus regalis*, étude physiologique des muscles longitudinaux. **Henri**, V. Paris, C.-R. soc. biol., 55, 1903, (1194-1195).

Synapta cf. *ooplax*. **Gardiner**, J. S. Fauna Mald. and Laccad. Archip., 1, 1904, (338); *S. digitata*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., 7, 1904, (206).

Thyone fusus. **M. B. A.** l.c. (206).

Thyonidium rigidum n. sp. **Sluiter**, C. P. Amsterdam, Bijdr. Dierk., 17-18, 1904, (75-82).

LIST OF NEW GENERA AND SPECIES.

ACTINOMETRA [Crinoidea].

———— *iowensis*. Springer. 114.

AMPHILEPIS [Ophiuroidea].

———— *mobilis*. Koehler. 61.
 ———— *protecta*. Koehler. 61.

AMPHIURA [Ophiuroidea].

———— *agitata*. Koehler. 61.
 ———— *concinna*. Koehler. 61.
 ———— *confinis*. Koehler. 61.
 ———— *crassa*. Koehler. 61.
 ———— *debilis*. Koehler. 61.
 ———— *firma*. Koehler. 61.
 ———— *gentilis*. Koehler. 61.
 ———— *grata*. Koehler. 61.
 ———— *hilaris*. Koehler. 61.
 ———— *norica*. Koehler. 61.
 ———— *sercata*. Koehler. 61.
 ———— *spinulosa*. Koehler. 61.
 ———— *tesselata*. Koehler. 61.
 ———— *trepida*. Koehler. 61.
 ———— *uncinata*. Koehler. 61.
 ———— *vitax*. Koehler. 61.

ANTEDON [Crinoidea].

———— *okelli*. Chadwick. 18.

- ARAEOSOMA** [Echinoidea].
 ——— *oicstoni*. Moriensen. 88.
ARCHAEOCIDARIS [Echinoidea].
 ——— *ourayensis*.† Girty. 39.
 ——— *regimontana*. Parkinson. 95.
ASTROCERAS [Ophiuroidea].
 ——— *compar*. Koehler. 61.
Astrocharis n. gen. [Ophiuroidea].
 ——— Koehler. 61.
 ——— *virgo*. Koehler. 61.
ASTROGOMPHUS [Ophiuroidea].
 ——— *munitus*. Koehler. 61.
ASTROPECTEN [Asteroidea].
 ——— *ornans*. Sluiter. 109.
 ——— *ternatensis*. Sluiter. 109.
ASTROSCHEMA [Ophiuroidea].
 ——— *ferox*. Koehler. 61.
 ——— *fostosum*. Koehler. 61.
 ——— *migrator*. Koehler. 61.
ASTROTOMA [Ophiuroidea].
 ——— *bellator*. Koehler. 61.
 ——— *recors*. Koehler. 61.
CALCEOCRINUS [Crinoidea].
 ——— *alleni*.† Rowley. 101.
Chuniola† n. gen. [Echinoidea]. Gage. 34.
 ——— *carolinae*.† Gage. 34.
CIDARIS [Echinoidea].
 ——— *fimbriata*. Meyere. 81.
 ——— *glandulosa*. Meyere. 81.
 ——— *hirsutus pinus*. Meyere. 81.
CLYPEASTER [Echinoidea].
 ——— *audouini*. Fourtau. 31.
CODIOPSIS [Echinoidea].
 ——— *valotairei*.† Lambert. 65.
CORDYLOCRINUS [Crinoidea].
 ——— *dubius*.† Rowley. 101.
CUCUMARIA [Holothurioidea].
 ——— *normani*. Pace. 94.
CULCITA [Asteroidea].
 ——— *niassensis*. Sluiter. 109.
CYATHOCRINUS [Crinoidea].
 ——— *ovalis*.† Rowley. 101.
DOLATOCRINUS [Crinoidea].
 ——— *asterias*. Wood. 127.
 ——— *costatus*.† Wood. 127.
 ——— *wachsmuthi* n. nom. Wood. 127.
ECHINUS [Echinoidea].
 ——— *gilehrsti*. Bell. 10.
Eobrissus n. gen. [Echinoidea]. Bell. 9.
 ——— *townsendi*. Bell. 9.
FIBULARIA [Echinoidea].
 ——— *voeltzkowi*.† Tornquist. 117.
Fibulina† n. gen. [Echinoidea]. Tornquist. 117.
 ——— *gracilis*.† Tornquist. 117.
GENOCIDARIS [Echinoidea].
 ——— *decipiens*. Meyere. 81.
GISSOCRINUS [Crinoidea].
 ——— ? *problematicus*.† Rowley. 101.
GLYPTOCRINUS [Crinoidea].
 ——— *insperatus*.† Rowley. 101.
 ——— ——— var. *carinatus*.†
 ——— n. var. Rowley. 101.
 ——— ——— var. *pentagonus*.†
 ——— n. var. Rowley. 101.
GYMNECHINUS [Echinoidea].
 ——— *pulchellus*. Mortensen. 86.
 ——— *pumilio*. Meijere. 81.
HEMIASTER [Echinoidea].
 ——— *sudanensis*.† Bather. 7.
 ——— *vancouverensis*. Whiteaves. 123.
HOLASTER [Echinoidea].
 ——— *stünckii*. Wolleman. 125.
HOMOEASTER [Echinoidea].
 ——— *audouini*.† Lambert. 65.
ICHTHYOCRINUS [Crinoidea].
 ——— *magnaradialis*.† Weller. 121.
LAGANUM [Echinoidea].
 ——— *anale*. Meijere. 81.
 ——— *conicum*. Meijere. 81.
 ——— *minutum*. Meijere. 81.
 ——— *solidum*. Meijere. 81.
LAMPTEROCRINUS [Crinoidea].
 ——— ? *comptus*.† Rowley. 101.
LECANOCRINUS [Crinoidea].
 ——— *hemisphericus*.† Rowley. 101.
MARETIA [Echinoidea].
 ——— *zeisei*.† Gage. 34.
MEGISTOCRINUS [Crinoidea].
 ——— *regularis*.† Wood. 127.
 ——— *sphaeralis*.† Wood. 127.
 ——— *tuberatus*.† Wood. 127.
MELOCRINUS [Crinoidea].
 ——— *wittenbergensis*.† Rowley. 101.

OPHIACANTHA [Ophiuroidea].

- _____ *augusta*. Koehler. 61.
- _____ *clandestina*. Koehler. 61.
- _____ *congesta*. Koehler. 61.
- _____ *dilecta*. Koehler. 61.
- _____ *eximia*. Koehler. 61.
- _____ *fausta*. Koehler. 61.
- _____ *ficta*. Koehler. 61.
- _____ *imperita*. Koehler. 61.
- _____ *inutilis*. Koehler. 61.
- _____ *luctuosa*. Koehler. 61.
- _____ *matura*. Koehler. 61.
- _____ *perfida*. Koehler. 61.
- _____ *procera*. Koehler. 61.
- _____ *relicta*. Koehler. 61.
- _____ *tenuis*. Koehler. 61.

OPHIACTIS [Ophiuroidea].

- _____ *dissidens*. Koehler. 61.
- _____ *parata*. Koehler. 61.

OPHIOBYRSELLA [Ophiuroidea].

- _____ *erinaeus*. Koehler. 61.

OPHIOCAMAX [Ophiuroidea].

- _____ *rugosa*. Koehler. 61.

OPHIOCERAMIS [Ophiuroidea].

- _____ *declinans*. Koehler. 61.

OPHIOCHITON [Ophiuroidea].

- _____ *bispinosus*. Koehler. 61.
- _____ *commixtus*. Koehler. 61.
- _____ *inaequalis*. Koehler. 61.

Ophiochrysis n. gen. [Ophiuroidea].

- _____ Koehler. 61.
- _____ *ornata*. Koehler. 61.

Ophiocirce n. gen. [Ophiuroidea].

- _____ Koehler. 61.
- _____ *inutilis*. Koehler. 61.

OPHIOCOSIS [Ophiuroidea].

- _____ *grandisquama*. Koehler. 61.

Ophiocrates n. gen. [Ophiuroidea].

- _____ Koehler. 61.
- _____ *lenta*. Koehler. 61.

OPHIOCREAS [Ophiuroidea].

- _____ *sibogae*. Koehler. 61.

OPHIODERA [Ophiuroidea].

- _____ *neglecta*. Koehler. 61.

Ophiodoris n. gen. [Ophiuroidea].

- _____ Koehler. 61.
- _____ *contrarius*. Koehler. 61.
- _____ *errans*. Koehler. 61.
- _____ *malignus*. Koehler. 61.

OPHIOGLYPHA [Ophiuroidea].

- _____ *clemens*. Koehler. 61.
- _____ *distincta*. Koehler. 61.
- _____ *humilis*. Koehler. 61.
- _____ *improba*. Koehler. 61.
- _____ *insignita*. Koehler. 61.

OPHIOGLYPHA [Ophiuroidea].

- _____ *latro*. Koehler. 61.
- _____ *laudata*. Koehler. 61.
- _____ *lenta*. Koehler. 61.
- _____ *liberata*. Koehler. 61.
- _____ *prisca*. Koehler. 61.
- _____ *remota*. Koehler. 61.

Ophiroleuce n. gen. [Ophiuroidea].

- _____ Koehler. 61.
- _____ *seminudum*. Koehler. 61.

OPHIOLYPUS [Ophiuroidea].

- _____ *levis*. Koehler. 61.

OPHIOMASTUS [Ophiuroidea].

- _____ *perplexus*. Koehler. 61.

Ophiomidas n. gen. [Ophiuroidea].

- _____ Koehler. 61.
- _____ *alatum*. Koehler. 61.
- _____ *reductum*. Koehler. 61.

OPHIOMITRELA [Ophiuroidea].

- _____ *barbara*. Koehler. 61.
- _____ *languida*. Koehler. 61.
- _____ *moniliformis*. Koehler. 61.
- _____ *mutata*. Koehler. 61.
- _____ *placida*. Koehler. 61.

Ophiomoeris n. gen. [Ophiuroidea].

- _____ Koehler. 61.
- _____ *spinosa*. Koehler. 61.

OPHIOMYSIUM [Ophiuroidea].

- _____ *altum*. Koehler. 61.
- _____ *fallax*. Koehler. 61.
- _____ *impurum*. Koehler. 61.
- _____ *properum*. Koehler. 61.
- _____ *relictum*. Koehler. 61.
- _____ *sanctum*. Koehler. 61.

OPHIOMYCES [Ophiuroidea].

- _____ *delata*. Koehler. 61.

Ophiomytis n. gen. [Ophiuroidea].

- _____ Koehler. 61.
- _____ *veberi*. Koehler. 61.

Ophiopallas n. gen. [Ophiuroidea].

- _____ Koehler. 61.
- _____ *paradoxa*. Koehler. 61.

OPHIOPLINTHACA [Ophiuroidea].

- _____ *citata*. Koehler. 61.
- _____ *miranda*. Koehler. 61.
- _____ *mitis*. Koehler. 61.
- _____ *pulchra*. Koehler. 61.
- _____ *vicina*. Koehler. 61.

OPHIOPYREN [Ophiuroidea].

- _____ *delatum*. Koehler. 61.

OPHIOPYRGUS [Ophiuroidea].

- _____ *depressus*. Koehler. 61.
- _____ *trispinosus*. Koehler. 61.

- OPHIOSCOLEX** [Ophiuroidea].
 ——— *pertinax*. Koehler. 61.
OPHIOTHAMNUS [Ophiuroidea].
 ——— *stultus*. Koehler. 61.
OPHIOTHOLIA [Ophiuroidea].
 ——— *multispina*. Koehler. 61.
OPHIOTHRIX [Ophiuroidea].
 ——— *clarescens*. Koehler. 61.
 ——— *crassispina*. Koehler. 61.
 ——— *deposita*. Koehler. 61.
 ——— *viator*. Koehler. 61.
OPHIOTOMA [Ophiuroidea].
 ——— *assimilis*. Koehler. 61.
OPHIOTOMA [Ophiuroidea].
 ——— *casta*. Koehler. 61.
 ——— *molesta*. Koehler. 61.
PECTINURA [Ophiuroidea].
 ——— *honorata*. Koehler. 61.
 ——— *modesta*. Koehler. 61.
PENTACEROS [Asteroidea].
 ——— *cuphues*. Sluiter. 109.
PENTACRINUS [Crinoidea].
 ——— *dentatogranulatus*†. Wolle-
 man. 126.
 ——— *zeltbergensis*†. Wolle-
 man. 125.
PISOCRINUS [Crinoidea].
 ——— *glabellus*†. Rowley. 101.
 ——— *granulosus*†. Rowley. 101.
 ——— *yassensis*†. Etheridge. 28.
 ——— (?) ——— var. *lobata*† n.
 var. Etheridge. 28.
PLESIOLAMPAS [Echinoidea].
 ——— *saharac*†. Bather. 7.
PLETRECHINUS [Echinoidea].
 ——— *döderleini*. Mortensen. 86.
 ——— *siamensis*. Mortensen. 86.
PSOLA [Holothurioidea].
 ——— *vulvatus*. Oestergren. 93.
SALENIDIA [Echinoidea].
 ——— *bouleii*†. Lambert. 64.
SCHIZASTER [Echinoidea].
 ——— *howa*†. Tornquist. 117.
 ——— *sarigny*. Fourtau. 31.
 ——— var. *major* n. var.
 Fourtau. 31.
SOLASTER [Asteroidea].
 ——— *intermedius*. Sluiter. 109.
SPATANGUS [Echinoidea].
 ——— (?) *gottschei*†. Gagel. 34.
 ——— (?) *meyni*†. Gagel. 34.
SPIEROSOMA [Echinoidea].
 ——— *quincunciale*. Meyere. 81.
SPHAERASTER [Asteroidea].
 ——— *molassicus*†. Schütze. 105.
STIRECHINUS [Echinoidea].
 ——— *suevicus*†. Schütze. 105.
THYONIDUM [Holothurioidea].
 ——— *rigidum*. Sluiter. 111.
Tripleurocrinus† n. gen. [Crinoidea].
 Wood. 127.
 ——— *levis*†. Wood. 127.
TROMIKOSOMA [Echinoidea].
 ——— *mordens*. Meyere. 81.
Tylocrinus n. gen. [Crinoidea]. Wood.
 127.
 ——— *novus*†. Wood. 127.

1203-1231 PLATYHELMINTHES. MESOZOA AND TRICHOPLAX.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Megadistomum n. gen. **Stafford**, J. l.e. (481-495).

(s 2-5658)

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LIST OF NEW GENERA AND SPECIES.

Acrodactyla n. gen. [Trematoda].
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—— *acotylus*. Fuhrmann. 40, 43.
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 ——— *alba*. Bergendal. 10.
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 ——— *scolio-coelium*. Fiscoeder. 37, 38.
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 ——— *polyeirri*. Caullery et Mesnil. 20.
- PHYLLODISTOMUM** [Trematoda].
 ——— *superbum*. Stafford. 129.
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 Zur Strassen. 93.
 — *sagar.* Zur Strassen. 93.
 — *veismanni*. Zur Strassen. 93.

CHORDODES [Nematomorpha].
 — *gariazzi*. Camerano. 18.
 — *haueri*. Camerano. 17.

CHROMADORA [Nematoda].
 — *dubiosa*. Daday. 22.

ECHINORHYNCHUS [Acanthocephala].
 — *cestodiformis*. Linstow. 45.
 — *phoenix*. Schneider. 77.
 — *semermis*. Forssell. 24.

FILARIA [Nematoda].
 — *rossii*. Low. 52.

HYDROMERMIS n. gen. [Nematoda]. Corti. 20.
 — *rivicola*. Corti. 20.

MONHYSTERA [Nematoda].
 — *labiata*. Daday. 22.

MYENCHUS n. gen. [Nematoda]. Schuberg & Schröder. 79.
 — *bothryophorus*. Schuberg & Schröder. 79.

PHYSALOPTERA [Nematoda].
 — *dispar*. Linstow. 45.

PLECTUS [Nematoda].
 — *patagoniens*. Man. 57.

TYLENCHUS [Nematoda].
 — *erythrinae*. Zimmermann. 92.

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CHÆTOGNATHA.

ROTIFERA.

GASTROTRICHA.

KINORHYNCHA (or ECHINODERA).

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The consecutive numbers given at the end of each title entry are used in the subsequent subject entries, and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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formis Spencer.

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BUTION.

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if VICTORIA.

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LIST OF NEW GENERA AND SPECIES.

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ASPIDIOPHORUS n. gen. [Gastrotricha]. **Voigt**. 22.

——— *paradoxus*. **Voigt**. 22.

- CHAETONOTUS [Gastrotricha].
 ——— *chuni*. Voigt. 22.
 ——— *linguaeformis*. Voigt. 22.
 ——— *nodicaudus*. Voigt. 22.
 ——— *serraticaudus*. Voigt. 22.
 ——— *succinctus*. Voigt. 22.
 COELOPUS [Rotifera].
 ——— *rousséleti*. Voigt. 22.
 ——— *uncinatus*. Voigt. 22.
 CONOCHILOIDES n. gen. [Rotifera].
 ——— *Illava*. 8.
 CORDYLOSOMA n. gen. [Rotifera].
 ——— Voigt. 22.
 ——— *perlucidum*. Voigt. 22.
 DASYDYTES [Gastrotricha].
 ——— *stylifer*. Voigt. 22.
 DIASCHIZA [Rotifera].
 ——— *crassipes*. Lord. 11.
 DISTYLA [Rotifera].
 ——— *ploencensis*. Voigt. 15.
 FLOSCULARIA [Rotifera].
 ——— *eonklini*. Montgomery. 16.
 ICHTHYDUM [Gastrotricha].
 ——— *forcipatum*. Voigt. 22.
 STYLOCHAETA n. gen. [Gastrotricha].
 ——— *Illava*. 10.
 SYNCHAETA [Rotifera].
 ——— *bicornis*. Smith. 20.

1803

ARCHIANNELIDA.
 POLYCHAETA.
 MYZOSTOMARIA.
 OLIGOCHAETA.
 HIRUDINEA.
 GEPHYREA.
 PHORONIS.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Cape Good Hope. **McIntosh, W. C.**
Cape Town, Marin. Invest., 3, 1904, (35).

Bispira volutacornis Montagu. Cape
Good Hope. **McIntosh, W. C. l.c.** (83,
pl. VIII, figs. 43-41, 49-50).

Branchiommia suspiciens n. sp. New
Zealand. **Ehlers, E.** Göttingen, Abh.
Ges. Wiss., math-phys. Kl., (N.F.), 3,
Nr. 1, 1904, (62).

Carobia ochracea n. sp. New Zealand.
Ehlers, E. l.c. (15).

Chaetopterus variopedatus Renier.
Cape Good Hope. **McIntosh, W. C.**
Cape Town, Marin. Invest., 3, 1904, (61,
pl. V, figs. 51-56).

Cirratulus nn. spp. California.
Moore, J. P. Philadelphia, Pa., Proc.
Acad. Nat. Sci., 56, 1904, (492-493);
C. cirratus O. F. Müller. Cape Good
Hope. **McIntosh, W. C.** Cape Town,
Marin. Invest., 3, 1904, (67, pl. VI, figs.
30-31); *C. tentaculatus* Montagu. Cape
Good Hope. **McIntosh, W. C. l.c.** (68).

Clymenella insceta n. sp. New Zea-
land. **Ehlers, E.** Göttingen, Abh. Ges.
Wiss., Math.-phys. Kl., (N.F.) 3, Nr. 1,
1901, (51).

Dasybranchus caduens Grube. Cape
Good Hope. **McIntosh, W. C.** Cape
Town Marin. Invest., 3, 1904, (70).

Diopatra californica n. sp. Califor-
nia. **Moore, J. P.** Philadelphia, Pa.,
Proc. Acad. Nat. Sci., 56, 1904, (184);
D. cuprea, habits. **Linville, H. R.**

Parker, G. H., ed. Mark Anniversary
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with pl.).

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179, with pl.).

Eunice aphroditois Pallas. Cape
Good Hope. **McIntosh, W. C.** Cape
Town, Marin. Invest., 3, 1904, (42, pl.
II, figs. 14-15); *E. biannulata* n. sp.
California. **Moore, J. P.** Philadelphia,
Pa., Proc. Acad. Nat. Sci., 56, 1904,
(487); *E. fucata*, development and
habits. **Mayer, A. G.** Brooklyn, N.Y.,
Mus. Inst. Arts Sci., Bull., 1, 1902,
(1 I + [93]-103, with text fig., pl.); *E.*
viridis, Palolo-frage. **Friedlaender, B.**
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Eunoe capensis McIntosh. Cape
Good Hope. **McIntosh, W. C.** Cape
Town, Marin. Invest., 3, 1904, (28).

Euphione elizabethae McIntosh. Cape
Good Hope. **McIntosh, W. C. l.c.** (27).

Euphrosyne capensis Kinberg. Cape
Good Hope. **McIntosh, W. C. l.c.** (22);
E. capensis, anatomy. Cape Good
Hope. **Willey, A.** London, Trans.
Linn. Soc., (Ser. 2), 9, No. 6, 1904, (256,
figs. 1-3).

Flabelligera nn. spp. New Zealand
Ehlers, E. Göttingen, Abh. Ges. Wiss.,
math-phys. Kl., (N.F.) 3, Nr. 1, 1904,
(47-49); *F. eucelator* Stimpson. Cape
Good Hope. **McIntosh, W. C.** Cape
Town, Marin. Invest., 3, 1904, (53); *F.*
marenzelleri n. sp. (an var. *affinis*).
Cape Good Hope. **McIntosh, W. C.**
l.c. (55, pl. IV., fig. 25).

Goniada dorsalis n. sp. New Zea-
land. **Ehlers, E.** Göttingen, Abh. Ges.
Wiss., math.-phys. Kl., (N.F.) 3, Nr. 1,
1901, (38).

Hemilepidia erythrotaenia, anatomy.
Cape of Good Hope. **Willey, A.** Lon-
don, Trans. Linn. Soc., (Ser. 2), 9, No. 6,
1904, (258, figs. 6-26); *H. tuberculata*
Schmarda. Cape Good Hope. **McIntosh,**
W. C. Cape Town, Marin. Invest., 3,
1904, (29, pls. I, II, figs. 2-5).

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delphia, Pa., Proc. Acad. Nat. Sci., 56,
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Lepidonotus clara semitectus, anatomy. Cape of Good Hope. **Wiley**, A. London, Trans. Linn. Soc., (Ser. 2), **9**, No. 6, 1904, (256, fig. 1); *L. wahlbergi* Kinberg. Cape Good Hope. **McIntosh**, W. C. Cape Town, Marin. Invest., **3**, 1904, (25).

Leprea haplochaeta n. sp. New Zealand. **Ehlers**, E. Göttingen, Abh. Ges. Wiss., math.-phys. Kl., (N.F.), **3**, Nr. 1, 1904, (59).

Lipobranchius capensis n. sp., Cape of Good Hope. **Wiley**, A. London, Trans. Linn. Soc., (Ser. 2), **9**, No. 6, 1904, (266, figs. 23, 24).

Lumbriconereis carifrons Grube. Cape Good Hope. **McIntosh**, W. C. Cape Town, Marin. Invest., **3**, 1904, (50, pl. III, figs. 21-22, pl. IV, figs. 22-24); *L. crecta* n. sp. California. **Moore**, J. P. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (490); *L. tetraurus* Schmarda. Cape Good Hope. **McIntosh**, W. C. Cape Town, Marin. Invest., **3**, 1904, (48, pl. II, figs. 18a, 19a, 20, pl. III, fig. 18).

Lycastis hawaiiensis n. sp. Hawaii. **Johnson**, H. P. Parker, G. H., ed. Mark Anniversary Volume, New York, 1903, (210).

Lycastoides n. gen., *L. alticola* n. sp. Mexico. **Johnson**, H. P. l.c. (212).

Lysidice capensis Grube. Cape Good Hope. **McIntosh**, W. C. Cape Town, Marin. Invest., **3**, 1904, (10).

Maldane disparidentata n. sp. California. **Moore**, J. P. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (491).

Marphysa purcellana n. sp. Cape of Good Hope. **Wiley**, A. London, Trans. Linn. Soc., (Ser. 2), **9**, No. 6, 1904, (263, fig. 17); *M. sanguinea* Montagu. Cape Good Hope. **McIntosh**, W. C. Cape Town, Marin. Invest., **3**, 1904, (44).

Neanthes capensis n. sp. Cape of Good Hope. **Wiley**, A. London, Trans. Linn. Soc., (Ser. 2), **9**, No. 6, 1904, (261, pl. XIV, figs. 9, 10).

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Nicomache lumbricalis Fabric. var. *capensis* McIntosh. Cape Good Hope. **McIntosh**, W. C. l.c. (71); *N. macintoshi* Marenzeller. Cape Good Hope. **McIntosh**, W. C. l.c. (72, pl. VI, figs. 33-34).

Pallasia murata n. sp. Plymouth. **Allen**, E. J. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (299-301, pl. X).

Panthalus mitsukurii n. sp. **Izuka**, A. Annot. Zool. Jap., Tokyo, **5**, 1904, (23-29, with pl.).

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Physalidonotus n. gen. New Zealand. **Ehlers**, E. Göttingen, Abh. Ges. Wiss., math.-phys. Kl., (N.F.), **3**, Nr. 1, 1904, (9).

Pionosyllis malmgreni McIntosh. Cape Good Hope. **McIntosh**, W. C. Cape Town, Marin. Invest., **3**, 1904, (35).

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Polyeunoa lacvis McIntosh. Cape Good Hope. **McIntosh**, W. C. Cape Town, Marin. Invest., **3**, 1904, (60).

Polynoë capensis McIntosh. Cape Good Hope. **McIntosh**, W. C. l.c. (28); *P. (Macellicephala) mirabilis* McIntosh.

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Pomatoceros auritubis n. sp. Japan. **Moore**, J. P. and **Busch**, K. J. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (174).

Potamilla acuminata n. sp. Japan. **Moore**, J. P. and **Busch**, K. J. *l.c.* (159); *P. laciniosa* n. sp. New Zealand. **Ehlers**, E. Göttingen, Abh. Ges. Wiss., math.-phys. Kl., (N.F.) **3**, Nr. 1, 1904, (66); *P. reniformis* O. F. Müller. Cape Good Hope. **McIntosh**, W. C. Cape Town, Marin. Invest., **3**, 1904, (81, pl. VII, figs. 38-42).

Praxilla praetermissa Malmgren var. *capensis* **McIntosh**. **McIntosh**, W. C. *l.c.* (73).

Protula capensis **McIntosh**, an var. *tubularia* Montagu. **McIntosh**, W. C. *l.c.* (91); *P. genieulata* n. sp. Japan. **Moore**, J. P. and **Busch**, K. J. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (168).

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Sabella japonica n. sp. Japan. **Moore**, J. P. and **Busch**, K. J. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (157).

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Syllis cornuta Rathke. Cape Good Hope. **McIntosh**, W. C. *l.c.* (37).

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Mesenchytraeus parvus n. sp. **Ditlevsen**, A. Zs. wiss. Zool., Leipzig, **77**, 1904, (440).

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LIST OF NEW GENERA AND SPECIES.

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—— *maorica*. Benham. 8.

ALLOLOBOPHORA [Oligochaeta].
—— *spelaca*. Rosa. 82.

Anteoides n. gen. [Oligochaeta]. Cog-netti. 24.
—— *rosae*. Cognetti. 24.

BRANCHIOMMA [Polychaeta].
—— *suspiciens*. Ehlers. 30.

CAROBIA [Polychaeta].
—— *ochracea*. Ehlers. 30.

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Moore. 67.
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—— *borellii*. Cognetti. 23, 24.

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——— 51. Mollusques et brachiopodes de Portugal (suite).

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ea ASIATIC RUSSIA.

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fg SOUTH AFRICA.

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g NORTH AMERICA.

gf UNITED STATES AS A WHOLE.

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gh SOUTH-EASTERN UNITED STATES.

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h CENTRAL AND SOUTH AMERICA AND WEST INDIES.

hi ARGENTINA.

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id QUEENSLAND.

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(N 2-5658)

Anoplothea congregata† n. sp. Indiana Niagara. **Kindle, E. M.** and **Breger, C. L.** Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428-486, with pl.).

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Bouchardia patagonica n. sp. Argentina. **Ihering, H. von.** Buenos Aires An. Mus., (Ser. 3), **2**, 1903, (210).

Camarella inornata† n. sp. New Jersey. Ordovician. **Weller, S.** New Jersey, Geol. Surv., Trenton, N. J., Rep. Paleont., **3**, 1903, (157-158, pl. X, figs. 8-10); *C. tornquisti*† n. sp. Lower Palaeozoic, Mittelbatt. Silurgebiet. **Wiman, C.** Upsala, Bull. Geol. Inst., **52**, 1901, [1902], (175, with pl.).

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Hyattella? lamellosa† n. sp. New Jersey. Silurian. **Weller**, S. l.c. (258, pl. XXIII, figs. 15-18).

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Magellania patagonica† Sowerby, description; *M. ameghinoi*† n. sp. Patagonie. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (324-327).

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Metaplasia plicata† n. sp. New Jersey. Devonian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (306, pl. XLVIII, figs. 7-12).

Orthis newtonensis† n. sp. New Jersey. Cambrian. **Weller**, S. l.c. (113, pl. I, figs. 3-5).

Orthotetes deckerensis† n. sp. New Jersey. Silurian. **Weller**, S. l.c. (229-230, pl. XX, figs. 6-7); *O. ingens* n. nom. = *Streptorhynchus gigas* Davidson. **Drevermann**, F. Palaeontographica Stuttgart, **50**, 1904, (229-287).

Orthotichia schuchertensis† n. sp. Colorado. **Girty**, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof.

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Rensselaeria† nn. spp. Unterdevon des Rheingebietes. **Fuchs**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (43-53, mit 3 Taf.); *R. subglobosus*† n. sp. New Jersey. Devonian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (329, pl. XLII, figs. 11-18).

Reticularia proxima† n. sp. Indiana, Niagara. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428-481, with pl.).

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Rhipidomella preoblata† n. sp. New Jersey. Silurian. **Weller**, S. Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (232-233, pl. XX, figs. 25-26).

Rhynchonella† nn. spp. **Philipp**, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (1-98, mit 6 Taf.); *R.*† nn. spp. New Jersey. Silurian and Devonian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (234-235, pl. XXI, figs. 1-4, 5-11); *R. patagonica*† n. sp. Patagonie. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (334-335).

Rhynchotretra transversa† n. sp. New Jersey. Devonian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (286, pl. XXIX, figs. 32-39).

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Schuchertella † n. nom. (= *Orthotetes*, type *Streptorhynchus lens* White). **Girty, G. H.** Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1901, (721-736, with 3 pl.).

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Spirifer nearpassi † n. sp. New Jersey, Devonian. **Weller, S.** New Jersey, Geol. Surv., Trenton, N.J., Rep. Pal., **3**, 1903, (330, pl. XLII, figs. 19-22); *S. vanuxemi* Hall var. *minor* † n. var. New Jersey, Silurian. **Weller, S. l.c.** [238, pl. XXI, figs. 41-42].

Spiriferina † nn. spp. Bäreninsel. Trias. **Böhm, J.** Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1904, (12-14, with pl.).

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Terebratulina ortmanni † n. sp. Patagonie. **Ihering, H. von.** Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (323-324); *T. radula* n. sp. N. S. Wales. **Hedley, C.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (209, pl. X, figs. 48-50).

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ECTOPROCTA.

GYMNOLAEMA.

Cyclostomata.

Crisina striatopora † n. sp. Maryland. **Ulrich, E. O.** and **Bassler, R. S.** Maryland Geol. Surv., Miocene, Baltimore, 1904, (406).

Crisinella oeilensis † n. sp. Lower Palaeozoic. Mittelbalt. Silurgebiet. **Wiman, C.** Upsala, Bull. Geol. Inst., **5**, 22, 1901, [1902], (181, with pl.).

Diastopora obelia var. *arctica* n. nom. for *D. intricaria*, Franz-Josef Land. **Waters, A. W.** London, J. Linn. Soc. Zool., **29**, 1904, (171, 173, pl. XXI, fig. 1, pl. XIX, figs. 1-13); *D. solida* n. sp. Antarctic. **Waters, A. W.** Exp. Antarct. Belge. Anvers, 1904, (90).

Escharopora siluriana † n. sp. New Jersey. Silurian. **Weller, S.** New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (225, pl. XVIII, XIX, figs. 6-9).

Fenestella †, Belfast. **Lamplugh, S. W.**, etc. Mem. Geol. Surv. Ir., Dublin, **1904**, (1-166).

Homera antaretica n. sp. Antarctic. **Waters**, A. W. Exp. Antaret. Belge. Anvers, 1904, (93-95); *H. lichenoides*, Franz-Josef Land, characters. **Waters**, A. W. London, J. Linn. Soc. Zool., **29**, 1904, (168, figs. 1-6).

Idmonea atlantica, *I. tumida*. **Waters**, A. W. *l.e.* (166-168, figs. 2-5); *I. (?) expansa*† n. sp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (404).

Lichenopora octoradiata n. sp. Antarctic. **Waters**, A. W. Exp. Antaret. Belge. Anvers, 1904, (97-98).

Proboscina, Jurassic forms. **Lang**, W. D. Geol. Mag., London, [5], **1**, 7, 1901, (315-322, with 11 figs.).

Stomatopora†, Jurassic forms of "genus." **Lang**, W. D. *l.e.* (315-322, 11 figs.); *S.* nn. spp. Antarctic. **Waters**, A. W. Exp. Antaret. Belge. Anvers, 1904, (89-90).

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Trepostomata.

GENERAL.

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SPECIAL.

Amalgamata† n. division (of Trepostomata). **Ulrich**, E. O. and **Bassler**, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (15-55, with pl.).

Amplexopora† nn. spp. Tennessee and Ohio, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (41-43).

Anaphragma† n. gen., *A. mirabile*† n. sp. Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (49).

Atactopora angularis† n. sp. Ohio, Ordovician. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (32).

Calloporina† n. gen., type *Callopora crenulata*† **Ulrich**, *C. parva*† n. sp. Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (48).

Constellaria teres† n. sp., *C. florida* var. *emaciated*† n. var. Tennessee, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (37).

Cyphotrypa n. gen., type *Leptotrypa acervulosa*† **Ulrich**, *C. frankfortensis*†, *C. wilmingtunenensis*† nn. spp. U.S. and Canada, Ordovician and Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (30-31).

DeKayella foliacea† n. sp. Tennessee, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (28).

Heteropora claviformis n. sp. Antarctic. **Waters**, A. W. Exp. Antaret. Belge. Anvers, 1904, (98-99).

Heterotrypa parvulipora† n. sp. Tennessee, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (26).

Homotrypella nodosa† n. sp. Tennessee, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (21).

Integrata† n. division (of Trepostomata). **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (15-55).

Liolema monroei† n. sp. New York, Devonian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (39).

Mesotrypa† nn. spp. Southern U. S. and Canada, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (22-23).

Monotrypa† nn. spp. New Jersey, Ordovician and Silurian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N. J., Rep. Paleont., **3**, 1903, (142, 223, pl. VIII, XVIII and figs.).

Monticulipora epidermata† n. sp. Indiana and Ohio, Ordovician. **Ulrich**, E. O. and **Bassler**, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (16).

Orbignyella n. gen., *O. sublamellosa*† n. sp. Tennessee, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (19).

Petigopora affula† n. sp. Ohio, Ordovician. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (32).

Prasopora patera† n. sp. Tennessee, Ordovician. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (20).

Rhombotrypa† n. gen., type *Monotrypella quadrata*† (Rominger). Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.e.* (41).

Stigmatella n. gen., *S. crenulata*†, *S. spinosa*†, *S. personata*†, *S. interporosa*†, *S. nana*†, *S. nicklesi*† nn. spp. Indiana and Ohio, Ordovician and Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (34-36).

Cryptostomata.

Ptilodictya† nn. spp. New Jersey, Silurian and Devonian **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (224, 272, pls. XIX, XXVI, figs. 1-4, 4-6).

Rhinidictya? *borkholmiensis*† n. sp. Lower Palaeozoic, Mittelbalt. Silurgebiet. **Wiman**, C. Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (180, with pl.).

Thamnisus orosus† n. sp. Lower Palaeozoic, Mittelbalt. Silurgebiet. **Wiman**, C. Upsala, Bull. Geol. Inst., **5**, 2, 1902, [1902], (181, with pl.).

Cheilostomata.

SPECIAL.

Amphiblestrum† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (413-414).

Beania creeta n. sp. Antarctic. **Waters**, A. W. Exp. Antart. Belge. Anvers, 1904, (30-31).

Brettia longa n. sp. Antarctic. **Waters**, A. W. *l.c.* (26).

Bugula tricornis n. sp., *B. reticulata* var. *spinosa* n. var. Antarctic. **Waters**, A. W. *l.c.* (22-23).

Catenicella frida n. sp. Antarctic. **Waters**, A. W. *l.c.* (20).

Cellaria lata n. sp. Antarctic. **Waters**, A. W. *l.c.* (38).

Cellarinella n. gen., *C. foreolata*, *C. nodulata*, *C. dubia* nn. spp. Antarctic. **Waters**, A. W. *l.c.* (57-59).

Cellepora† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (428-429); *C. horneroides* n. sp. Antarctic. **Waters**, A. W. Exp. Antart. Belge. Anvers, 1904, (73).

Chaperia patulosa n. sp., *C. cylindracea* Busk. var. *protecta* n. var. Antarctic. **Waters**, A. W. *l.c.* (33).

Cribrilina projecta n. sp. Antarctic. **Waters**, A. W. *l.c.* (41-42).

Cyclipora polaris n. sp. Antarctic. **Waters**, A. W. *l.c.* (53).

Escharoides biformata n. sp. Antarctic. **Waters**, A. W. *l.c.* (72).

Flustra flagellata n. sp. Antarctic. **Waters**, A. W. *l.c.* (27).

Glaucanome plumula† n. sp. Lower Palaeozoic, Mittelbalt. Silurgebiet. **Wiman**, B. Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (181, with pl.).

Lepralia† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (423-426); *L. frigida* n. sp. Antarctic. **Waters**, A. W. Exp. Antart. Belge. Anvers, 1904, (47).

Lunulites† nn. spp. South Australia. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (207-217, with 2 pls.).

Megapora hyalina n. sp. Antarctic. **Waters**, A. W. Exp. Antart. Belge. Anvers, 1904, (39).

Membranipora. **Lohmann**, H. (Ergebnisse der Plauktion-Expedition der Humboldt-Stiftung. Bd IV. N.) Kiel u. Leipzig (Lipsius & Tischer), 1901, (62, mit 7 Taf.); *M.*† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (407-413); *M.* nn. spp., *M. incrustans*, description. Antarctic. **Waters**, A. W. Exp. Antart. Belge. Anvers, 1904, (31-32); *M. membranacea* L., variété. **Loppens**, K. Bruxelles, Ann. Soc. roy. malac., **38**, (1903), 1904, (exlii-exliii).

Micropora brevissima n. sp. Antarctic. **Waters**, A. W. Exp. Antart. Belge. Anvers, 1904, (40).

Microporella† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (415-417); *M.* nn. spp. Antarctic. **Waters**, A. W. Exp. Antart. Belge. Anvers, 1904, (13-16).

Orthopora n. gen., *O. compacta* n. sp. Antarctic. **Waters**, A. W. *l.c.* (75-76).

Osthimosa clavata n. sp. Antarctic. **Waters**, A. W. *l.c.* (74-75).

Palmicellaria† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (427-428).

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Scrupocellaria antarctica n. sp. **Waters**, A. W. l.c. (25).

Selenaria† nn. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (207-217, with 2 pls.); *S. punctata*†, T. Woods. **Maplestone**, C. M. l.c. (207-217, with 2 pls.).

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A. gelatinosum, Frantz-Josef Land, characters. **Waters**, A. W. London, Trans. Linn. Soc. Zool., **29**, 1904, (179, pl. XX, fig. 7, pl. XXI, figs. 6, 7).

LIST OF NEW GENERA AND SPECIES.

ACROTHELE [Brachiopoda].
—— *villaboimensis* †. Delgado. 18.

ALCYONIDIUM [Bryozoa].
—— *antarcticum*. Waters. 69.

Amalgamata † n. division [Bryozoa].
Ulrich and Bassler. 65.

AMPHIBLESTRUM [Bryozoa].
—— *agellus* †. Ulrich and Bassler. 66.

—— *constrictum* †. Ulrich and Bassler. 66.

AMPLEXOPORA [Bryozoa].
—— *ampla* †. Ulrich and Bassler. 65.

—— *columbiana* †. Ulrich and Bassler. 65.

—— *cylindracea* †. Ulrich and Bassler. 65.

Anaphragma † n. gen. [Bryozoa].
Ulrich and Bassler. 65.
—— *mirabile* †. Ulrich and Bassler. 65.

ANOPIOTHECA [Brachiopoda].
—— *congregata* †. Kindle and Breger. 39.

ATACTOPORA [Bryozoa].
—— *angularis* †. Ulrich and Bassler. 65.

ATHYRIS [Brachiopoda].
—— *aliena*. Dreverman. 22.

BEANIA [Bryozoa].
—— *erecta*. Waters. 69.

BOUCHARDIA [Brachiopoda].
—— *patagonica*. Ihering. 35.

BRETTIA [Bryozoa].
—— *longa*. Waters. 69.

BREGULA [Bryozoa].
—— *tricornis*. Waters. 69.
—— *reticulata* var. *spinosa* n. var. Waters. 69.

Calloporina n. gen. [Bryozoa]. Ulrich and Bassler. 65.
—— *parva* †. Ulrich and Bassler. 66.

- CAMARELLA** [Brachiopoda].
 ——— *inornata*†. Weller. 71.
 ——— *törnquisti*†. Wiman. 72.
- CATENICELLA** [Bryozoa].
 ——— *frida*. Waters. 69.
- CELLARIA** [Bryozoa].
 ——— *lata*. Waters. 69.
- Cellarinella** n. gen. [Bryozoa]. Waters. 69.
 ——— *dubia*. Waters. 69.
 ——— *foveolata*. Waters. 69.
 ——— *nodulata*. Waters. 69.
- CELLEPORA** [Bryozoa].
 ——— *eribrosa*†. Ulrich and Bassler. 66.
 ——— *horneroides*. Waters. 69.
 ——— *massalis*† n. sp. Ulrich and Bassler. 66.
- CENTRONELLA** [Brachiopoda].
 ——— *biplicata*†. Weller. 71.
 ——— *subrhomboidea*†. Weller. 71.
- CHAPERIA** [Bryozoa].
 ——— *cylindracea* var. *protecta* n. var. Waters. 69.
 ——— *patulosa*. Waters. 69.
- CHONETES** [Brachiopoda].
 ——— *robustus*. Raymond. 56.
- CONCHIDIUM** [Brachiopoda].
 ——— *trilobatum*†. Kindle and Breger. 39.
- CONSTELLARIA** [Bryozoa].
 ——— *florida* var. *emaciata*† n. var. Ulrich and Bassler. 65.
 ——— *teres*† n. sp. Ulrich and Bassler. 65.
- CRANAENA** [Brachiopoda].
 ——— *subelliptica* var. *hardingensis*† n. var. Girty. 26.
- CRANIA** [Brachiopoda].
 ——— *tetrica*†. Böhm. 6.
- CRIBRILINA** [Bryozoa].
 ——— *projecta*. Waters. 69.
- CRISINA** [Bryozoa].
 ——— *striatopora*†. Ulrich and Bassler. 66.
- CRISINELLA** [Bryozoa].
 ——— *ocilensis*†. Wiman. 72.
- CYCLICOPORA** [Bryozoa].
 ——— *polaris*. Waters. 69.
- Cyphotrypa** n. gen. [Bryozoa]. Ulrich and Bassler. 65.
 ——— *frankfortensis*†. Ulrich and Bassler. 65.
 ——— *wilmingtonensis*†. Ulrich and Bassler. 65.
- CYRTINA** [Brachiopoda].
 ——— *magnaplicata*†. Weller. 71.
- DALMANELLA** [Brachiopoda].
 ——— *postelegantula*†. Weller. 71.
- DEKAYELLA** [Bryozoa].
 ——— *foliacea*†. Ulrich and Bassler. 65.
- DIANSTOPORA** [Bryozoa].
 ——— *obelia* var. *artica* n. nom. Waters. 68.
 ——— *solida*. Waters. 69.
- DIDYMO-SPIRA** [Brachiopoda].
 ——— *octo-plicata*†. Philipp. 55.
 ——— *pachygaster*†. Philipp. 55.
 ——— *salomoni*†. Philipp. 55.
- DISCINA** [Brachiopoda].
 ——— *barentsi*†. Böhm. 7.
- EATONIA** [Brachiopoda].
 ——— *goodlandensis*†. Kindle and Breger. 39.
- ESCHAROIDES** [Bryozoa].
 ——— *biformata*. Waters. 69.
- ESCHAROPORA** [Bryozoa].
 ——— *siluriana*. Weller. 71.
- FLUSTRA** [Bryozoa].
 ——— *flagellata*. Waters. 69.
- GLAUCOME** [Bryozoa].
 ——— *plumula*†. Wiman. 72.
- GYPIDULA** [Brachiopoda].
 ——— *angulata*†. Weller. 71.
- HETEROPORA** [Bryozoa].
 ——— *claviformis*. Waters. 69.
- HETEROTRYPA** [Bryozoa].
 ——— *parvulipora*†. Ulrich and Bassler. 65.
- HOMOTRYPELLA** [Bryozoa].
 ——— *nodosa*†. Ulrich and Bassler. 65.
- HORNERA** [Bryozoa].
 ——— *antartica*. Waters. 69.
- HYATTELLA** [Brachiopoda].
 ——— ? *lamellosa*†. Weller. 71.
- IDMONEA** [Bryozoa].
 ——— (?) *expansa*†. Ulrich and Bassler. 66.
- Integrata**† n. division [Bryozoa]. Ulrich and Bassler. 65.

- LEPRALIA [Bryozoa].
 ——— *frigida*. Waters. 69.
 ——— *maculata*†. Ulrich and Bassler. 66.
 ——— *marylandica*†. Ulrich and Bassler. 66.
 ——— *montifera*†. Ulrich and Bassler. 66.
 ——— (?) *reversa*†. Ulrich and Bassler. 66.
- LICHENOPORA [Bryozoa].
 ——— *octoradiata*. Waters. 69.
- LINGULEPIS [Brachiopoda].
 ——— *lusitanica*†. Delgado. 18.
- LIOCLEMA [Bryozoa].
 ——— *monroei*†. Ulrich and Bassler. 65.
- Lophopodella** n. gen. [Bryozoa].
 ——— Rousselet. 59.
 ——— *thomasi*. Rousselet. 59.
- LUNULITES [Bryozoa].
 ——— *patelliformis*†. Maplestone. 47.
 ——— *repandus*†. Maplestone. 47.
- MAGELLANIA [Brachiopoda].
 ——— *ameghinovi*†. Ihering. 36.
- MARGINIFERA [Brachiopoda].
 ——— *ingrata*†. Girty. 26.
 ——— *haydenensis*†. Girty. 26.
- MEGAPORA [Bryozoa].
 ——— *hyalina*. Waters. 69.
- MEMBRANIPORA [Bryozoa].
 ——— *bifoliata*†. Ulrich and Bassler. 66.
 ——— *caminoza*†. Ulrich and Bassler. 66.
 ——— *fistula*†. Ulrich and Bassler. 66.
 ——— *fossulifera*†. Ulrich and Bassler. 66.
 ——— *germana*†. Ulrich and Bassler. 66.
 ——— *nitidula*†. Ulrich and Bassler. 66.
 ——— *oblongula*†. Ulrich and Bassler. 66.
 ——— *parrula*†. Ulrich and Bassler. 66.
 ——— *strigosa*. Waters. 69.
 ——— *uniscialis*. Waters. 69.
- MESOTRYPA [Bryozoa].
 ——— *angularis*†. Ulrich and Bassler. 65.
 ——— *echinata*†. Ulrich and Bassler. 65.
- MEFAPLASIA [Brachiopoda].
 ——— *plicata*†. Weller. 71.
- MICROPORA [Bryozoa].
 ——— *brevissima*. Waters. 69.
- MICROPORELLA [Bryozoa].
 ——— (?) *bifoliata*†. Ulrich and Bassler. 66.
 ——— *exigua*. Waters. 69.
 ——— *inflata*†. Ulrich and Bassler. 66.
 ——— *parvipora*. Waters. 69.
 ——— *præciliata*†. Ulrich and Bassler. 66.
 ——— *proxima*. Waters. 69.
 ——— *trinervis*. Waters. 69.
- MONOTRYPA [Bryozoa].
 ——— *corrugata*†. Weller. 71.
 ——— *globosa*†. Weller. 71.
- MONTICULIPORA [Bryozoa].
 ——— *epidermata*†. Ulrich and Bassler. 65.
- Orbignyella** n. gen. [Bryozoa]. Ulrich and Bassler. 65.
 ——— *sublamellosa*†. Ulrich and Bassler. 65.
- ORTHIS [Brachiopoda].
 ——— *neutonensis*†. Weller. 71.
- Orthopora** n. gen. [Bryozoa]. Waters. 69.
 ——— *compacta*. Waters. 69.
- ORTHOTETES [Brachiopoda].
 ——— *deckercensis*†. Weller. 71.
 ——— *ingens* n. nom. Dreverman. 22.
- ORTHOTICHA [Brachiopoda].
 ——— *schuchertensis*†. Girty. 26.
- OSTHIMOSA [Bryozoa].
 ——— *clavata*. Waters. 69.
- PALMICELLARIA [Bryozoa].
 ——— *convoluta*†. Ulrich and Bassler. 66.
 ——— *punctata*†. Ulrich and Bassler. 66.
- PENTAMERUS [Brachiopoda].
 ——— *circularis*†. Weller. 71.
 ——— *oblongus* var. *compressa*† n. var. Kindle and Breger. 39.
- PETIGOPORA [Bryozoa].
 ——— *offula*†. Ulrich and Bassler. 65.
- PHOLIDOSTROPHIA [Brachiopoda].
 ——— *niagarensis*†. Kindle and Breger. 39.

PRASOPORA [Bryozoa].

———— *patera* †. Ulrich and Bassler. 65.

PRODUCTUS [Brachiopoda].

———— *semireticulatus* var. *hermosanus* † n. var. Girty. 26.

PTILODICTYA [Bryozoa].

———— *frondosa* †. Weller. 71.

———— *lobata* †. Weller. 71.

RENSELAERIA [Brachiopoda].

———— *laminata* †. Fuchs. 24.

———— *confluentina* †. Fuchs. 24.

———— *robustella* †. Fuchs. 24.

———— *posthuma* †. Fuchs. 24.

———— *subglobosus* †. Weller. 71.

RETEPORA [Bryozoa].

———— *antarctica*. Waters. 69.

———— *dorerensis* †. Ulrich and Bassler. 66.

———— *frigida*. Waters. 69.

———— *gelida*. Waters. 69.

———— *hippocrepis*. Waters. 69.

———— *laccigata*. Waters. 69.

———— *lepralioides*. Waters. 69.

———— *protecta*. Waters. 69.

RETICULARIA [Brachiopoda].

———— *proxima* †. Kindle and Breger. 39.

RETZIA [Brachiopoda].

———— *aretica* †. Böhm. 7.

RHINIDICTYA [Bryozoa].

———— (?) *börkholmiensis* †. Wiman. 72.

RHIPIDOMELLA [Brachiopoda].

———— *problata* †. Weller. 71.

Rhombotrypa † n. gen. [Bryozoa].
Ulrich and Bassler. 65.

RHYNCHONELLA [Brachiopoda].

———— *agglomerata* †. Weller. 71.

———— *breviplicata* †. Weller. 71.

———— *caressae* †. Philipp. 55.

———— *deckerensis* †. Weller. 71.

———— *patagonica* †. Ihering. 36.

———— *richthofeni*. Philipp. 55.

———— *suessi* †. Philipp. 55.

RHYNCHOTRETA [Brachiopoda].

———— *transversa* †. Weller. 71.

SCHIZOPHORIA [Brachiopoda].

———— *bisinuata* †. Weller. 71.

SCHIZOPORELLA [Bryozoa].

———— *cumulata* †. Ulrich and Bassler. 66.

———— *dorerensis* †. Ulrich and Bassler. 66.

———— *gelida*. Waters. 69.

———— *latissimata* †. Ulrich and Bassler. 66.

———— *subquadrata* †. Ulrich and Bassler. 66.

Schuchertella n. nom [Brachiopoda].
Girty. 25A.

SCRUTOCELLARIA [Bryozoa].

———— *antarctica*. Waters. 69.

SELENARIA [Bryozoa].

———— *bimorphocella* †. Maplestone. 17.

———— *hexagonalis* †. Maplestone. 47.

———— *partipunctata* †. Maplestone. 47.

SKENIDIUM [Brachiopoda].

———— (?) *nodocostatum* †. Rowley. 61.

SMITIA [Bryozoa].

———— *antarctica*. Waters. 69.

———— *conspicua*. Waters. 69.

———— *crassatina*. Waters. 69.

———— *erozetensis* n. nom. Waters. 69.

———— *dentata*. Waters. 69.

———— *directa*. Waters. 69.

———— *gelida*. Waters. 69.

———— *inclusa*. Waters. 69.

———— *pileata*. Waters. 69.

———— *praestita*. Waters. 69.

———— *reptans*. Waters. 69.

———— *tripora*. Waters. 69.

SPIRIFER [Brachiopoda].

———— *nearpassi* †. Weller. 71.

———— *raunxemi* var. *minor* n. var. †.
Weller. 71.

SPIRIFERINA [Brachiopoda].

———— *lindströmi* †. Böhm. 7.

———— *ludgyreni* †. Böhm. 7.

Stigmatella n. gen. [Bryozoa]. Ulrich and Bassler. 65.

———— *crenulata* †. Ulrich and Bassler. 65.

———— *interporosa* †. Ulrich and Bassler. 65.

———— *nicklesi* †. Ulrich and Bassler. 65.

———— *nana* †. Ulrich and Bassler. 65.

———— *personata* †. Ulrich and Bassler. 65.

———— *spinosa* †. Ulrich and Bassler. 65.

- STOMATOPORA [Bryozoa].
 ——— *antartica*. Waters. 69.
 ——— *divergens*. Waters. 69.
- STROPHEODONTA [Brachiopoda].
 ——— *herculea* n. nom. Dreverman. 22.
- STROPHONELLA [Brachiopoda].
 ——— *williamsi*†. Kindle and Breger. 39.
- Systemopora n. gen. [Bryozoa]. Waters. 69.
 ——— *contracta*. Waters. 69.
- TEREBRATULA [Brachiopoda].
 ——— *teresi*†. Böhm. 7.
- TEREBRATULINA [Brachiopoda].
 ——— *ortmanni*†. Ihering. 36.
 ——— *radula*. Hedley. 28.
- THEONISCUS [Bryozoa].
 ——— *orosus*†. Wiman. 72.
- THEONOA [Bryozoa].
 ——— *glomerata*†. Ulrich and Bassler. 66.
- TRIGERIA [Brachiopoda].
 ——— (?) *ochleri*. Dreverman. 22.
- WILSONIA [Brachiopoda].
 ——— *globosa*†. Weller. 71.

2203-2231 MOLLUSCA.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Nucula † nn. spp. Saratov district. **Archangeliskij, A.** l.c. (75-78, pl. II); *N.* † nn. spp. Europäischer Russland. **Borissiak, A.** St. Petersburg, Mem. Com. geolog., (N. Ser.), No. **11**, 1904, (8-18); *N.* nn. spp. Cape Good Hope. **Sowerby, G. B.** Cape Town, Marin. Invest., **4**, 1901, (7, pl. VI, fig. 12); *N. helleyi* n. nom. for *N. minuta* Woods non Gould. **Pritchard, G. B. and Gatliff, J. H.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1901, (237); *N. moeridis* † n. sp. Tertiary, Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (82-83); *N. nuculus*, nervous system. **Burne, R. H.** London, Proc. Malac. Soc., **6**, 1901, (41-47, with figs.); *N. periko* † n. sp. **Oppenheim, P.** In: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (243-285); *N. sejugata* † n. sp. **Etheridge, R.** Sydney, N.S.W., Rec. Austr. Mus., **5**, 1901, (108, pl. XIV, fig. 9, pl. XV, fig. 5); *N. cf. taliabutica* † n. sp. Niederländische-Indien. **Böhm, G.** Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg. 1, (16); *N. triangularis* † n. sp. Bäreninsel, Trias. **Böhm, J.** Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (11, with pl.).

Nuculana does not replace *Leda*. **Jukes Browne, A. J.** J. Conch., Leeds, **11**, 1901, (100); *N.* nn. spp. Natal. **Sowerby, G. B.** Cape Town, Marin. Invest., **4**, 1901, (5-6, pl. VI, figs. 8-10); *N. belcheri* Hinds. Cape Good Hope, mentioned and figured. **Sowerby, G. B.** l.c. (5, pl. VI, fig. 7).

Palaeonculo † nn. spp. Bäreninsel. Trias. **Böhm, J.** Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (40-41, with pl.); *P.* † nn. spp. Europäischer Russland. **Borissiak, A.** St. Petersburg,

Mem. Com. geolog., (N. Ser.), No. 11, 1901, (4-6); *P.*† nn. spp. New York. Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1901, (11 + [199]-454).

Phaenodesmia† nn. spp. Europäischer Russland. **Borisjak**, A. St. Petersburg, Mem. Com. geolog., (N. Ser.), No. 11, 1904, (25-26).

Poroleda tatei nom. mut. (syn. *P. lanceolata*, Tate non Hutton). **Hedley**, C. Vict. Nat., Melbourne, 21, 1901, (112).

Yoldia† nn. spp. Alaska. **Dall**, W. H. In: Alaska (Harriman Expedition), edited by C. Hart Merriam, Vol. 4. New York, 1904, ([97]-122, with pl.); *Y. keppeliana* n. sp. hab. incert. **Sowerby**, G. B. London, Proc. Malac. Soc., 6, 1904, (176, with fig.).

FILIBRANCHIATA.

Area† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (86-92); *A.*† Berlin, Zs. D. geol. Ges., 55, 1903, Aufsätze, (98-235); In: Esch, Beiträge Geol. Kamerun, Stuttgart, 1904, (213-285); *A. (Scapharca) africana* n. sp. Natal. **Sowerby**, G. B. Cape Town, Marin. Invest., 4, 1904, (4, pl. VI. fig. 4); *A. algeriensis*† n. sp. Germany. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., 24, (1903), 1904, (22-12); *A. kobeltiana* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (559); *A. litchei* Dunker, is the species hitherto erroneously known as *A. trapezia* Desh. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1904, (203, pl. IX, fig. 29-34); *A. madridensis*† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-216, with pl.); *A. pistachia* Lamarek, synonymous with *A. radula* Smith. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1904, (202); *A. (Scapharca) eluia*† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (271-401, with pl.); *A. tirolensis*† n. sp. Alps. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (117-235).

Arcoptera† nn. spp. Alps. **Broili**, F. l.c. (145-227).

Barbatia v. Area†

Crenella† nn. spp. Maryland. **Glenn**, L. C. Maryland, Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.); *C. striatissima* n. sp. Natal. **Sowerby**, G. B. Cape Town, Marin. Invest., 4, 1904, (3, pl. VI. fig. 1).

Cueullaea† nn. spp. Saratov district. **Archangeliskij**, A. Mater geol. Ross., St. Petersburg, 22, 1904, (68-72, pl. II); *C.*† nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (145-227); *C. concamera*. Bruguière. Australian distribution. *C. concamerata* (Mart.) Auct. is a synonym. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1904, (201); *C. dimehensis*† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (85); *C. (Macrodon?) chierianus*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (39-40, with pl.); *C. rocana*† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (204).

Glycymeris stands for *Pectunculus*. **Jukes-Browne**, A. J. J. Conch., Leeds, 11, 1904, (101).

Hochstetteria nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, 11, 1901, (42, with figs.); *H. trapezina* Bernard synonymous with *Myrina minuta* Smith. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., 5, 1904, (89).

Hoferia compressa† n. sp. Alps. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (147-235).

Limopsis pumilio n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, 11, 1904, (43, fig.); *L. thebaica*† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (95).

Lithodomus† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. l.c. (78-80).

Lithophaga ionensis† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.).

Macrodon† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (39, with pl.); *M.*† nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (117-227).

Megambonia parva† n. sp. New Jersey. Devonian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (333, pl. XLIII, fig. 12).

Modiola sambasensis n. sp. Borneo. **Dautzenberg**, P. Bruxelles, Ann. soc. roy. malac., **38**, (1903), 1904, (Mém. 7-8); *M. tenerima* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (42, fig.).

Modiolaria curta† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1901, (271-401, with pl.); *M. fraasi*† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (80-81).

Modiolus nn. spp. Alaska. **Dall**, W. H. Alaska (Harriman Expedition), New York, **4**, 1904, ([97]-122, with pl.); *M.*† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.).

Myophoria acuticostata† n. sp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, 147-225; *M. urd*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (13, with pl.).

Myrina indica n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (11).

Mysidioptera† nn. spp. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (147-227); *M. buchi*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (21, with pl.).

Mytilus† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (77-78); *M. crosus* Lamarek synonymous with *M. meukeanus* Phil. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (200); *M. dippenheimi*† n. sp. Niederländische-Indien. **Boehm**, G. Palaeontographica, Stuttgart, 1904, Suppl. iv, Lfg. 1, (16).

Pectunculus† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. l.c. **30**, 1903, Abt. 3, (94-95); *P. triangularis*† n. sp. Saratov district. **Archangel'skij**, A. Mater. geol. Ross., St. Petersburg, **22**, 1904, (73, pl. IV).

Plethomytilus cuneatus† n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428-486, with pl.).

Pleurodon maorianus n. sp. New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (82, fig. 14).

Pseudocercuella n. gen., *P. leus*†, *P. obliqua*†, *P. incisa*† nn. spp. **Solger**, F. Berlin, Zs. D. geol. Ges., **5**, 1903, Protokolle, (76-83).

Schizodus planus Golov†, représentant paléozoïque des *Crassatellitidae*. **Jakovlev**, N. St. Petersburg, Bull. Com. géolog., **21**, 1904, (755-759, pl. X).

Trigonia† sp. ind. notes, *T. moorei*†, notes. **Etheridge**, R. jun. Sydney, N.S.W. Rec. Austr. Mus., **5**, 1904, (249, pl. XXVII, figs. 1, 2); *T. margaritifera*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (43-44, with pl.).

Volsella Scopoli, should be dropped. **Jukes-Browne**, A. J. J. Conch., Leeds, **11**, 1904, (97-103).

PSEUDOLAMELLIBRANCHIATA.

GENERAL.

Doncieux, L. Remarques paléontologiques sur quelques huitres miocènes du Sud-Est de l'Aude. Paris, Bul. soc. géol., (sér. 4), **3**, 1904, (706-710).

Dubois, R. Sur les perles de nacre. Paris, C.-R. Acad. sci., **138**, 1904, (583-584).

——— Sur le mécanisme sécrétoire producteur des perles. l.c. (708-710).

——— Sur l'acclimatation et la culture méthodique des huîtres perlières vraies et la production intensive des perles fines. Paris, C.-R. soc. biol., **55**, 1903, (1208-1209).

Giard, A. L'origine parasitaire des perle d'après les recherches de M. G. Seurat. l.c. (1222-1225).

——— Sur la production volontaire des perles fines ou margarose artificielle. l.c. (1225-1226).

——— L'épithélium sécréteur des perles. l.c. (1618-1620).

SPECIAL.

Acanthopecten† n. subgen. (of *Ariculopecten* (or *Lima* ?); type, *Ariculopecten carboniferus* Stevens). Colorado. **Girty**, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. 16, 1903, (417).

Actinopteria reticulata† n. sp. New Jersey. Silurian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N. J., Rep. Paleont., 3, 1903, (245, pl. XXII, fig. 3); *A. sola*† n. sp. New York. Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11 + [199]-154).

Anopaca† nn. spp. Niederländische-Indien. **Boehm**, G. Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg. 1, (46).

Atrina piscatoria† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (271-401, with pl.).

Aucella strongi† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.).

Aracula† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (25-26, with pl.); *A.*† nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, 50, 1901, (145-227); *A. huberti*† n. sp. Lias, Nordwestdeutschland. **Hoyer**, Centralbl. Min., Stuttgart, 1904, (385-389); *A. subaczyensis*† n. sp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Peterburg, 22, 1904, (65-66, pl. II).

Ariculopecten tenuistriatus† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (23-24, with pl.).

Bakewellia ursina† n. sp. Bäreninsel. Trias. **Böhm**, J. Lc. (34-35, with pl.).

Cassianella rosenbusch† n. sp. **Philipp**, H. Berlin, Zs. D. geol. Ges. 56, 1904, Aufsätze, (1-98, mit 6 Taf.); *C. tectiformis*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, (29, with pl.).

Chlamys nn. spp. Natal. **Sowerby**, G. B. Cape Town, Mar. Invest., 4, 1901, (2, pl. VI, figs. 3-6); *C. salamanca*† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (214-215).

Cyclopecten aviculoides (Smith) added to New Zealand fauna. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., 5, 1904, (87); *C. nepcanensis* n. sp. Victoria. **Pritchard**, G. B. and **Gatliff**, J. H. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (338-339, with 1 pl.).

Daerydium fabale n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 26, 1904, (199, pl. X, fig. 39).

Daonella loréni† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., 57, No. 1903, (33-34, with pl.).

Dimyodon patera† n. sp. Bäreninsel. Trias. **Böhm**, J. Lc. (18, with pl.).

Endocostea brooksi† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.).

Exogyra callophylla† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (199-201).

Gervillia†. nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (145-227); *G.*† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak., Handl., 37, No. 3, 1903, (35-37, with pl.); *G. spinosa*† n. sp. **Linstow**, O. von. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (99-121).

Gryphaea† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (16-17, with pl.); *G. concors*†, *G. pyrotheriorum*† Ih., description, *G. rocana*† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (198-199, 210-213); *G. pharaonum*† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (13).

——— r. *Ostrea*.

Honeycoya† n. gen. related to *Pterochaenia*; *H. crinacea*†, *H. major*†, *H. styliophora*†, *H. simplex*†, *H. desmata*†. nn. spp. New York. Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11 + [199]-451).

Inoceramus† nn. spp. **Flegel**, K. Centralbl. Min., Stuttgart, 1904, (395-399); *I. irregularis*† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.).

Inoceramya n. gen., *I. concentrica*† n. sp. Alaska. **Ulrich**, E. O. Alaska (Harriman Expedition). New York, 1, 1901, [123] 116, with pl.

Kochia nupula† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1901, 11. + [199] 454).

Limat† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl. 37, No. 3, 1903, (18-21, with pl.); *L. (Limatula)*† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (57-59); *L. alata* Hedley, added to the Queensland fauna. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 20, 1901, 201.; *L. bassii* Tenison Woods, a miocene fossil discovered as a recent species. **Hedley**, C. Sydney, N.S.W., l.c. (201, pl. IX, fig. 28); *L. perfecta* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, 11, 1904, (43, with fig.); *L. schmeisseri* n. sp. **Wolleman**, A. Berlin, Abh. geol. Landesanst., (N.F.), 37, 1902, (120); *L. sydneyensis* nom. mut. new name for *Lima brumea* Hedley, not Cooke. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1901, (200); *L. zitteli*† n. sp. **Broili**, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Limatula v. *Limat*.

Limipecten† n. gen., *L. texanus* n. sp. *L. texanus* var. *grandicostatus* n. var. Carboniferous. **Girty**, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., 27, 1904, (721-736, with 3 pls.).

Loxopteria† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1901, 11. + [199] 451).

Lunulicardium† nn. spp. New York, Devonian. **Clarke**, J. M. l.c. (11 + [199] 454).

Mytilarca obliqua† n. sp. New Jersey. Silurian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (245, pl. XXII, fig. 8).

Nothamusium† n. gen. for *N. radiatum*, *N. transversum*† nn. spp. Carboniferous, Brit. Is. **Hind**, W. London, Monogr. Palaeont. Soc., 2, pt. 3, 1901, (159).

(x 2-5658)

Ostrea (Gryphaea)† nn. spp. Tertiär, Aegypten. **May Eym** and **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (16-45); *O. anomioides* var. *nanus*† n. var. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.); *O.*† nn. spp. **Wolleman**, A. Berlin, Abh. geol. Landesanst., (N.F.), 37, 1902, (129); *O. calceiformis*† n. sp. Alps. **Broili**, F. Palaeontographica, Stuttgart, 50, 1901, (115-227); *O. choffati*† n. sp. **Oppenheim**, P. In: Esch., Beiträge Geol. Kamerun, Stuttgart, 1904, (243-285); *O. circumpecta* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (559, with pl.); *O. edulis*, cultivation on the west coast of Sweden. **Wollebæk**, A. Stockholm, Landtbr.-Ak. Handl., 42, 1903, (402-431, with pl.); *O. hemisphaerica*† D'Orb., description and nn. spp. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (201-202, 213-214).

Paraptyx† n. gen. related to *Pterochaenia*, *P. ontario*† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1901, 11. + [199] 454).

Pecten, variation. **Davenport**, C. B. Parker, G. H., ed., Mark Anniversary Volume, New York, 1903, ([121]-136, with 1 pl.); *P.*† nn. spp. Tomakowka. **Michajlovskij**, G. St. Peterburg, Mém. Com. géolog., 13, No. 4, 1903, (26-31, pl. 1); *P.*† nn. spp. **Oppenheim**, P. Berlin, Zs. D. geol. Ges., 55, 1903, Aufsätze, (98-235, mit Taf.); *P.*† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (52-55); *P.*† nn. spp. **Philipp**, H. Berlin, Zs. D. geol. Ges., 56, 1901, Aufsätze, (1-98, mit 6 Taf.); *P. alcocki* n. sp. off South India. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1901, (13); *P. (Bittnerella) damesi*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (22-23, with pl.); *P. (Chlamys) farreri* n. sp. Shantung. **Jones**, K. H. and **Preston**, H. B. London, Proc. Malac. Soc., 6, 1904, (119, fig.); *P. frigidus* n. nom. Denmark. **Jensen**, A. S. Kjöbenhavn, Nath. Medd., 1904, (304-311); *P. irradians*, sense organs. **Hyde**, J. H. Parker, G. H., ed., Mark Anniversary Volume, New

York, N.Y., 1903, ([171]-482, with 1 pl.); *P. (Pseudamusiium) subminutus*† n. sp. Mississippi Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 903, (99-101, with pl.).

Philippiella rubra n. sp., N. S. Wales and Tasmania. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (207, pl. X, figs. 44-47).

Philobrya inornata n. sp. N. S. Wales. **Hedley**, C. l.c. (207, pl. X, figs. 40-43).

Pinna† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (38, with pl.); *P. ecki*† n. sp. Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (333-336, mit Taf.); *P. squamifera* n. sp. Cape Good Hope. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (3).

Plicatula† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (61-62).

Posidonia venusta Münster var. *nitidula*† n. var., *P. marcellensis*† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454).

Posidonomya? *plana*† n. sp. **Philipp**, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (1-98, mit 6 Taf.); *P.?* *malladai*† n. sp. Portugal. **Delgado**, J. F. N. Lisboa, Com. Trab. Geol., **5**, 1904, (357-358).

Prospondylus† nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (145-227).

Pseudomonotis bittneri† n. sp. **Philipp**, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (1-98, mit 6 Taf.); *P. (Eumicrotis) spitzbergensis*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (27, with pl.).

Pterochaenia† n. gen., type *Avicula fragilis*†, Hall, *P. sinuosa*†, *P. perissa*†, *P. clemensis*†, *P. cashaquaef*†, *P. uchtenensis*†, nn. spp. *P. fragilis* var. *orbicularis*, n. var. New York. Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454).

Rhombopteria elathratus† n. sp., New Jersey. Devonian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J.,

Rep. Paleont., **3**, 1903, (291, pl. XXXI, figs. 16-18).

Spondylus† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (66-67).

Vulsella† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. l.c. (70-76).

EULAMELLIBRANCHIATA.

Submytilacea.

GENERAL.

Anthony, R. Organisation et morphogénie des Aethéries. Paris, C.-R. Acad. sci., **138**, 1904, (1233-1235).

Dall, W. H. Die Systematik der Cyrenacea. [Uebers. aus: Proceed. Biol. Soc. Washington.] Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (74-76).

Paquier, V. Les Rudistes urgoniens. Paris, Mém. soc. géol., **11**, 1903, (1-46, av. pl.).

SPECIAL.

Anisocardia mayeri† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (164).

Anodonta, Bau des Visceralganglions. **Freidenfelt**, T. Lund, Univ. Årsskr., **40**, Afd. 2, No. 5, (28, with pl.).

Anodontopsis wabashensis† n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428-486, with pl.).

Anoplophora ephippium† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (41-45, with pl.).

Astarte† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.).

Axinus volskensis† n. sp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (97, pl. II).

Bornia† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.).

Cardita† nn. spp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (205-206, 215); *C.*† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (99-111); *C. camerunensis*† n. sp. **Oppenheim**, P. In: Esch, Beiträge, Geol. Kamerun, Stuttgart, **1904**, (243-285); *C. dilecta* Smith ranges north to N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (197); *C. lalemaensis*† n. sp. **Philipp**, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (1-98, mit 6 Taf.); *C. longa*† n. sp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Petersburg, **22**, 1904, (84, pl. v); *C. minima* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (41, with fig.); *C. pulcherrima* n. sp. Natal. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (7, pl. VI, fig. 2); *C. umbonata* n. sp. Sierra Leone. **Sowerby**, J. B. London, Proc. Malac. Soc. **6**, 1904, (177, with fig.).

Carditella laticosta n. sp. Port Alfred. **Smith**, E. A. J. Malac., **11**, 1904, (41, with fig.).

Codakia bella delicatula n. subsp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (555).

Corbicula nn. spp. Java, N. S. Wales. **Bullen**, R. A. London, Proc. Malac. Soc., **6**, 1904, (109-110, with figs.); *C. artini* n. sp. **Pallary**, P. Cairo, Bull. Inst., Egypt, **1902**, (87-98, with 2 pls.).

— v. *Cyrena*.†

Crassatella† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (112-116); *C.* nn. spp. Natal. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (8-10, pl. VI, figs. 14-17).

Crassatellites brasiliensis† n. sp. Brazil, Recent. **Dall**, W. H. Nautilus, Philadelphia, Pa., **16**, 1903, (101-102); *C. ponderosa* Gmelin, bibliography = *C. kingicola* Lam. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (198).

Cuna delta Tate and May, added to New Zealand fauna. **Hedley**, C. Rec. Austr. Mus., **5**, 1904, (87).

Cyprina aegyptiaca† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (161-162).

(s 2: 5658)

Cyrena (Corbicula) blanchenhorni† n. sp. Tertiär, Aegypten. **Oppenheim**, P. l.c. Abt. 3, (160).

Diplodon colluapiensis† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (216-217).

Diplodonta zelandica Gray is a synonym of *D. tasmanica*. **Ten. Woods**. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (196).

— v. *Lucina*.†

Divaricella v. *Lucina*.†

Dreissensia polymorpha, habits, &c. **Standen**, R. J. Conch., Leeds, **11**, 1904, (83-90, with figs.).

Erycina† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.).

Gonodon modestus† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (49, with pl.).

Hyriopsis goliath n. sp. Tonkin. **Rolle**, H. Frankfurt a. M., NachrBl. B. malakozool. Ges., **36**, 1904, (25).

Isocardia† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.); *I. heintzeli*† n. sp. **Wollemann**, A. Berlin, Abh. Geol. Landesanst., (N.F.), **37**, 1902, (129); *I. vorax*† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (162-163).

Kellia porculus n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **58**, 1904, (558); *K. rotundula*† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.).

Lepton fortidentatus† n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (41, with fig.).

Lucina† nn. spp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Petersburg, **22**, 1904, (91-95, pls. II and III); *L.*† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (132-150); *L.* nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (40, with figs.); *L. camerunensis*† n. sp. **Oppenheim**, P. In: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (243-285).

Megalodon† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (47-48, with pl.).

Modiolopsis† nn. spp. Portugal. **Delgado**, J. F. N. Lisboa, Com. Trab. Geol., **5**, 1904, (359-360); *M.*† nn. spp. New Jersey. Ordovician. **Weller**, S. New Jersey, Geol. Surv., Trenton, N. J., Rep. Paleont., **3**, 1903, (170-171, pl. XI, figs. 8-9).

Myoroncha† nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (145-227).

Ontaria† n. gen. = *Cardiola* auct. aliq., type *Ungulina suborbicularis*† Hall. *O. pontiaca*†, *O. accincta*†, *O. affiliata*†, *O. halli*† nn. spp. **Clarke**, J. M. Albany Univ., N. Y., Mem. St. Mus., **6**, 1904, (11 + [199]-454).

Pachycardia plieningeri† n. sp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (147-235).

Pleurophorus† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (45-47, with pl.).

Solecardia vitrea: japonica n. subsp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (550-561, with pl.).

Spatha imesi n. sp. **Pallary**, P. Cairo, Bull. Inst., Egypt, **1902**, (87-98, with 2 pls.).

Spathella fourtani n. sp. **Pallary**, P. loc. (87-98, with 2 pls.).

Sportella† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.).

Tellinmya similis† n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (41, with fig.).

Thecodonta (Dieranodesma) calvertensis† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.).

Unio. Étude sur les mollusques du département de l'Orne. **Letacq**, A. L. Alençon, Bul. soc. horticult., **1902**, (91-103); *U.* nn. spp. Tonkin. **Rolle**, H. Frankfurt a. M. NachrBl. D. malakozool. Ges., **36**, 1904, (25-26); *U. fourtani* n. sp. **Pallary**, P. Cairo, Bull. Inst., Egypt, **1902**, (87-98, with 2 pls.); *U. margaritifera*, Geschichte der vogt-

ländischen Perlenfischerei. **Teichmann**, E. Uns. Heimat, Zwickau, **2**, 1903, (160-162, 177-181).

Venericardia castrana† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.).

Verticipronus n. gen., type *V. mytilus* n. sp. from New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (88, fig. 15).

Vesicomya indica† n. sp. Travancore and off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (9).

Whitella (?) siluriana† n. sp. Niagara. Indiana. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428-486, with pl.); *W. suborbicularis*† n. sp. New Jersey. Ordovician. **Weller**, S. New Jersey, Geol. Surv., Trenton, N. J., Rep. Paleont., **3**, 1903, (168, pl. XI, fig. 2).

Tellinacea.

Abra marylandica† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (271-401, with pl.).

Jenatia victoriae Pritchard and Gatliff, was recorded from N. S. Wales by Angus under the erroneous name of *J. acinacides* L. and G. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (197).

Macoma marylandica† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.).

Maetra nn. spp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (78, with figs.); *M. carneopicta* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (550); *M. fragilis*† n. sp. **Laskarev**, V. St. Petersburg, Mém. Com. géolog., (N. Ser.), **5**, 1903, (84-89); *M. (?) rhomboidea*† n. sp. **Oppenheim**, P. In: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (243-285).

Mesodesma alaskensis† n. sp. Alaska. **Dall**, W. H. Alaska, (Harriman Expedition), New York, **4**, 1904, ([97]-122, with pl.); *M. mariana*† n. sp. Maryland.

Glenn, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1901, (274-401, with pl.).

Psammobia arakanensis n. sp. Arakan coast. **Smith, E. A.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (10); *P. gubernatora*† n. sp. Maryland **Glenn, L. C.** Maryland Geol. Surv., Miocene, Baltimore, 1901, (271-401, with pl.); *P. lessoni* Blainville synonymous with *Gari malaccana* Reeve. **Hedley, C.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (196).

Semele capensis n. sp. Port Alfred. **Smith, E. A.** J. Malac., London, **11**, 1904, (39, with fig.).

Spisula callistaeformis† n. sp. Alaska. **Dall, W. H.** Alaska, (Harriman Expedition), New York, **4**, 1904, ([97]-122, with pl.); *S. (Hemimacra) chesapeakeensis*† n. sp. Maryland. **Glenn, L. C.** Maryland Geol. Surv., Miocene, Baltimore, 1901, (274-401, with pl.); *S. (Oxyperas) bernardi* n. sp. Japan. **Pilsbry, H. A.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1901, (550).

Tellina† nn. spp. Saratov district. **Archangeliskij, A.** Mater. geol. Ross., St. Petersburg, **22**, 1901, (121-125, pl. VII); *T.* nn. spp. Japan. **Pilsbry, H. A.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (554-555); *T. kenyoniana* n. sp. Victoria. **Pritchard, G. B.** and **Gatliff, J. H.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1901, (338-339, with 1 pl.); *T.* nn. spp. Cape Good Hope. **Sowerby, G. B.** Cape Town, Marin. Invest., **4**, 1904, (12-14, pl. VII, figs. 4-9); *T. regularis* n. sp. Port Alfred. **Smith, E. A.** J. Malac., London, **11**, 1904, (39, with fig.).

Theora oralis n. sp. Port Alfred. **Smith, E. A.** J. Malac., London, **11**, 1904, (39, with fig.).

Veneracea.

Callocardia (Agriopoma) prunensis† n. sp. Maryland. **Glenn, L. C.** Maryland Geol. Surv., Miocene, Baltimore, 1901, (274-401, with pl.); ? *C. (Pitaria) kincaidii*† n. sp. Alaska. **Dall, W. H.** In: Alaska, (Harriman Expedition), edited by C. Hart Merriam, Vol. 4. New York, 1904, ([97]-122, with pl.).

Chione nn. spp. Japan. **Pilsbry, H. A.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1901, (552-553); *C. despecta* n. sp. N. S. Wales. **Hedley, C.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1901, (193, pl. X, figs. 35-38); *C. virida* Quoy and Gaimard synonymous with *Venus fumigata* Sowerby. **Hedley, C.** *l.c.* (194); *C. parkeria*† n. sp. Maryland. **Glenn, L. C.** Maryland Geol. Surv., Miocene, Baltimore, 1901, (274-401, with pl.).

Cyprimeria? sulcata† n. sp. New Mexico. Cretaceous. **Johnson, D. W.** Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cytherea† nn. spp. Saratov district. **Archangeliskij, A.** Mater. geol. Ross., St. Petersburg, **22**, 1901, (110-116, pls. VI-IX); *C.*† nn. spp. **Oppenheim, P.** In: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (243-285); *C. chalcodonica*† n. sp. Argentine. **Ihering, H.** von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (216); *C. crispata: amica* n. subsp. Japan. **Pilsbry, H. A.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (551).

Dosinia? alaskana† n. sp. Alaska. **Dall, W. H.** Alaska (Harriman Expedition), New York, **4**, 1904, ([97]-122, with pl.); *D. vezzeanensis*† n. sp. **Oppenheim, P.** Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (98-235).

Macrocallista (Chionella?) gilberti† Alaska. **Dall, W. H.** Alaska (Harriman Expedition), New York, **4**, 1904, ([97]-122, with pl.).

Pitar sulfurea n. sp. Japan. **Pilsbry, H. A.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (550-561, with pl.).

Saxidomus popofianus n. sp. Alaska. **Dall, W. H.** Alaska (Harriman Expedition), New York, **4**, 1904, ([97]-122, with pl.).

Tapes fabagella Deshayes, rediscovered in original habitat. **Hedley, C.** Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (89); *T. vetuloides*† n. sp. Tomakowka. **Michajlovskij, G.** St. Petersburg, Mém. Com. géolog., **13**, No. 4, 1903, (39-41, pl. II).

Venus (Anaitis) intersculpta n. sp. Cape Good Hope. **Sowerby, G. B.** Cape Town, Marin. Invest., **4**, 1904, (11,

pl. VIII, fig. 2); *V. ukrainica*† n. sp. Tomakowka. **Michajlovskij**, G. St. Petersburg, Mém. Com. géolog., **13**, No. 4, 1903, (37-38, pl. II).

Papyridea harrimanii† n. sp. Alaska. **Dall**, W. H. Alaska, (Harriman Expedition). New York, **4**, 1904, ([97]-122, with pl.).

Cardiacea.

GENERAL.

Anthony, M. Organisation et morphogénie des Tridacnides. Paris, C.-R. Acad. sci., **138**, 1904, (296-298).

SPECIAL.

Cardium, Sinnesorgane an den Tentakeln. **Zugmayer**, E. Zs. wiss. Zool., Leipzig, **76**, 1904, (478-508, mit 1 Taf.); *C.*† nn. spp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Petersburg, **22**, 1904, (100-101, 103-104, pls. III, VI, XI); *C.*† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.); *C.*† nn. spp. Tomakowka. **Michajlovskij**, G. St. Petersburg, Mém. Com. géolog., **13**, No. 4, 1903, (259); *C. bechei* Reeve, bibliography and Australian distribution. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc., N. S. Wales, **29**, 1904, (195); *C. gilechristi* n. sp. Cape Good Hope. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (11, pl. VII, fig. 1); *C. hungerfordi* nn. sub-spp., *C. annae* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (555-556); *C. lenzi*† n. sp. **Oppenheim**, P. In: Esch, Beiträge Geol. Kamerun, Stuttgart, 1904, (243-285); *C. (Loxocardium) desertorum*† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (156-157).

Chama† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. l.c. (118-119); *C. monroensis*† n. sp. Alabama, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (27-101, with pl.).

Conocardium† nn. spp. Indiana, Niagara. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428-486, with pl.); *C. gowandense*† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]-454).

Loxocardium v. *Cardium*.†

Myacea.

Corbula† nn. spp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Petersburg, **22**, 1904, (129-131); *C.*† nn. spp. **Oppenheim**, P. In: Esch, Beiträge Geol. Kamerun, **1904**, (243-285); *C. nematophora* var. *fitchi*† n. var. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cultellus decipiens n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (39).

Mya arenaria. U. S. COMMISSION OF FISH AND FISHERIES. Report of the Special commission for the investigation of the lobster and soft-shell clam [by Hugh M. Smith, George H. Sherwood, Frederic P. Gorham, and James L. Kellogg.] Washington, D.C., Rep. U. S. Com. Fish, **1903**, 1904, (1 l. + 139-224, with 10 pls.); **Kellogg**, J. L. l.c. (195-224, with text fig., pl.); **Smith**, H. M. l.c. (141-147, with pl.).

Soleuratus (?) *pavlovi*† n. sp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Petersburg, **22**, 1904, (126-127, pl. IX).

Pholadacea.

Xylophaga indica n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (7).

Anatinacea.

Anatina andamanica n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (8).

Buchiola† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]-454).

Cardiomorpha obliquata† n. sp. New York, Devonian. **Clarke**, J. M. l.c. (1 l. + [199]-454).

Edmondia? deckerensis† n. sp. New Jersey. Silurian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (241-242, pl. XXII, figs. 6-7).

Homomya forsbergi† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (19-50, with pl.).

Leptolomus† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454).

Paracardium delicatulum† n. sp. New York, Devonian. **Clarke**, J. M. l.c. (11. + [199]-454).

Pholadomya franciscæ† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (50, with pl.).

Pleurophorella† n. gen. (allied to *Allerisma*) *P. papillosa* n. sp. Carboniferous. **Girty**, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (728).

Præcardium† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454).

Thracia wuriana† n. sp. **Oppenheim**, P. In: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (243-285).

Thraciopsis arenosa n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (197, pl. IX, figs. 26-27).

Verticordia† nn. spp. Mississippi and Alabama, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.).

SEPTIBRANCHIATA.

Cuspidaria nn. spp. Natal. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 18, pl. VII, figs. 11-17).

Poromya nn. spp. Natal. **Sowerby**, G. B. l.c. (15-16, pl. VII, figs. 10-13).

SLIPS NOT FURTHER CLASSIFIED BY SLIPMAKER.

Davidia† nn. spp. Portugal. **Delgado**, T. F. N. Lisboa, Com. Trab. geol., **5**, 1904, (361-362).

Elasmatium† n. gen., *E. gowandense*† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]-454).

Eumorphotis† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (27-29, with pl.).

Protothaca grewingkii n. sp. Alaska. **Dall**, W. H. In: Alaska, (Harriman Expedition), edited by C. Hart Merriam, Vol. 4. New York, 1904, ([97]-122, with pl.).

Ptychopteria? subquadrata† n. sp. New Jersey. Silurian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (193-194, pl. XIV, fig. 16).

Rhynchopterus perna† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (30, with pl.).

Streptomytilus† n. gen., *S. wabashensis*† n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (128-186, with pl.).

Synck (?) cambrensis† n. sp. Portugal. **Delgado**, T. F. N. Lisboa, Com. Trab. Geol., **5**, 1904, (360-361).

SCAPHOPODA.

GENERAL.

Martin, G. C. Scaphopoda [*Dentaliidae*]. Maryland Geol. Surv., Miocene, Baltimore, 1904, (271-274, with pl.).

SPECIAL.

Cadulus spretus Tate and May added to New Zealand fauna. **Hedley**, C. Sydney, N.S.W., Rec., Austr. Mus., **5**, 1904, (89).

Clavulites† n. gen., *C. howardensis*† n. sp. Carboniferous. **Girty**, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (732).

Dentalium boreale† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (53-54, with pl.); *D. entale* L., Anatomie and Histologie. **Boissevain**, M. Jenaische Zs. Natw., **38**, 1904, (553-572, mit 3 Taf.);

D. splendens† n. sp. Germany. **Wolleschlaeger**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-24).

AMPHINEURA.

GENERAL.

Heath, H. The larval eye of Chitons. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (257-259, with text fig.).

Schweikart, A. Die Bildung der Eihüllen und ihrer Anhänge bei den Chitonen. Zool. Anz., Leipzig, **27**, 1904, (636-648).

Wissel, C. von. Pacifiche Chitonen der Sammlungen Schauinsland und Thilenius. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (590-676, mit 5 Taf.).

POLYPLACOPHORA.

Chaetopleura apiculata†. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (270-271, with pl.).

Chiton ceylanicus n. sp. off Ceylon. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (7).

Ornithochiton marmoratus n. sp. Neu Seeland. **Wissel**, C. von. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (660).

APLACOPHORA.

Limifossor n. gen., *L. talpoideus* n. sp. **Heath**, H. Zool. Anz., Leipzig, **28**, 1904, (329-331).

GASTROPODA.

GENERAL.

Coutagne, G. Des caractères polytaxiques chez les espèces à l'état sauvage. Paris, C.-R. soc. biol., **55**, 1903, (1521-1523).

Glaser, O. C. Excretory activities in the nuclei of gastropod embryos. [Abstract.] Amer. Nat., Boston, Mass., **38**, 1904, (513-516, with text fig.).

Möllendorff, O. F. von. Landmollusken. Ergänzungen und Berichtigungen

zum 3. Bde. Nach des Verf. Tode fortgeführt v. Wilhelm Kobelt. (C. Semper, Reisen im Archipel der Philippinen, Wissenschaftl. Resultate, Bd. 8, H. 6.) Wiesbaden (C. W. Kreidel), 1904, (235-268, mit 8 Taf.).

Pekár, K. Geruchssinne der Gastropoden. Termat. Közl., Budapest, **36**, 1904, (719-720).

Pilsbry, H. A. and **Hirase**, Y. New land-shells of the Japanese empire. Nautilus, Philadelphia, Pa., **16**, 1903, (128-130).

PROSOBRANCHIATA.

Geyer. Beiträge zur Vitrellenfauna Württembergs. [I.] Stuttgart, Jahreshefte Ver. Natk., **60**, 1904, (298-331, mit 7 Taf.).

DOCOGLOSSA.

Fleure, H. J. Evolution in Docoglossa. London, Trans. Linn. Soc., **9**, 1904, (269-290, pls. XV-XVII).

Willcox, M. A. Some disputed points in the anatomy of the limpets. [Abstract.] Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2**, 1901, (331-332).

Acmaeidae.

Acmaea alticostata Angas has been erroneously united with *A. costata* Sowerby. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (189); *A. cerrillosensis*† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.); *A. minutissima* n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (1); *A. ? monswoodensis*† n. sp. **Etheridge**, R., jun. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (251, pl. XXVII, figs. 5-7).

Patellidae.

Lottia gigantea Gray. **Fisher**, W. K. Zool. Jahrb. Jena, Abt. f. Anat., **20**, 1904, (1-56, mit 4 Taf.).

Scurria conformis n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, 173-216, with pl.).

RHIPIDOGLOSSA.

Fissurellidae.

Emarginula marylandica† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1901, 131-270, with pl.).

Fissuridea infrequens† n. sp. Mississippi, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, 97-101, with pl.).

Incisura n. gen., type *Scissurella lyttletonensis* Smith. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (91, fig. 18).

Puncturella demissa n. sp. New Zealand. **Hedley**, C. l.c. (93, fig. 19).

Haliotidae.

Haliotis, zur Anatomie und Phylogenie. **Fleure**, H. J. Jenaische Zs. Natw., **39**, 1904, (245-322, mit 6 Taf.); *H. tuberculata*, some points in the history. **Fleure**, H. J. Guernsey, Rep. G. Soc. Nat. Sc., **1903**, (227-233); *H. tuberculata*, imperforate. **Marquand**, E. D. J. Conch., Leeds, **11**, 1904, (48); **Guernsey**, Rep. G. Soc., Nat. Sc., **1903**, (233).

Pleurotomariidae.

Pleurotomaria† nn. spp., *P. capillaria* Conrad *cognata*† n. mut. (?) New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]-454); *P. eloroidea*† n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, 1903, 1904, 428-486, with pl.); *P. weissermeli*† n. sp. Germany. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Polygyrata† n. gen., *P. sinistra*† n. sp. New Jersey. Ordovician. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (130, pl. IV, fig. 102).

Rhipisoma columbiana† n. sp. New Jersey. Ordovician. **Weller**, S. l.c. (128, pl. IV, figs. 3-5).

Schismope beddomei Petterd added to New Zealand fauna. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (89); *S. brevis* n. sp. from New Zealand. **Hedley**, C. l.c. (90, fig. 16).

Scissurella jacksoni n. sp. Gulf of Oman. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (160, with fig.); *S. rosea* n. sp. from New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (90, fig. 17).

Sisenna conwentzy† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (51, with pl.).

Temnotropis credneri† n. sp. mittel-deutsches Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445-537).

Worthenia† nn. spp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445-537); *W. bifurca*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (50-51, with pl.).

Bellerophontidae.

Bellerophon† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]-454).

Carinaropsis ithagenia† n. sp. New York, Devonian. **Clarke**, J. M. l.c. (1 l. + [199]-454).

Cyclostrematidae.

Cyclostrema nn. spp. Gulf of Oman. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (158-159, with figs.); *C. gyaleum* n. sp. Persian Gulf. **Melville**, J. C. l.c. (51, fig.).

Teinostoma† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

Liotiidae.

Liotia polypleura n. sp. New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (93, fig. 20).

Trochidae.

Basilissa (*Ancistrobasis*) *compa* n. sp. Gulf of Oman, **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (160, with fig.).

Calliostoma† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

Chlorostoma rugatum: *sublaevis* n. subsp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (33).

Clanculus hizenensis var. *fraterculus* n. var. Japan. **Pilsbry**, H. A. l.c. (83); *C. praeeruciatus*† n. sp. Tomakowka. **Michajlovskij**, G. St. Petersburg, Mém. Com. géolog., **13**, No. 4, 1903, (70-71, pl. III).

Delphinula kokeni† n. sp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445-537).

Ethalia africana n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (38, fig.); *E. carneolata* Melv. n. var. **Melville**, J. C. l.c. (80, with fig.); *E. jucunda* n. sp. Gulf of Oman. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (159, with fig.).

Euchelus nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (34-35).

Trochus, anatomy of British species. **Randles**, W. B. Q. J. Microsc. Sci., London, **48**, 1904, (33-78, pls. IV-VI); *T. hirasei* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (32); *T. lüneburgensis*† n. sp. **Wollemann**, A. Berlin, Abh. geol. Landesanst., (N.F.), **37**, 1902, (128).

Turbinidae.

Collonia rosa n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1903, (3-37, with pl.).

Oriostoma† nn. spp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428-486, with pl.).

Turbo (?) *volgensis*† n. sp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Petersburg, **22**, 1904, (135-136, pl. X).

Neritopsidae.

Fedaiella magna† n. sp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445-537).

Marmolatella plana† n. sp. mittel-deutschen Trias. **Picard**, E. l.c. (445-537).

Naticella† nn. spp. mittel-deutschen Trias. **Picard**, E. l.c. (445-537).

Neritidae.

Neritaria† nn. spp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445-537).

Neritina oxytropida† n. sp. Russia. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, **21**, 1904, (255-381); *N. virginea* var. *minor*. **Metcalf**, M. M. Amer. Nat., Boston, Mass., **38**, 1904, (565-569, with col. pl.).

Helicinidae.

Helicina nn. spp. Hawaiian Islands. **Ancey**, C. F. London, Proc. Malac. Soc., **6**, 1904, (126-127, with figs.); *H. japonica* notes, *H. japonica* var. *echigoensis* n. var. **Pilsbry**, H. A. Nautilus, Philadelphia, Pa., **16**, 1903, (130-131); *H. occulta*. United States. **Shimek**, B. Davenport, Iowa, Proc. Acad. Nat. Sci., **9**, 1904, (173-180); *H. sadoensis* n. sp. Japan. **Pilsbry**, H. A. and **Hirase**, Y. Nautilus, Philadelphia, Pa., **16**, 1903, (128-130); *H. sub-suturalis* n. sp. **Boettger**, O. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (109-112).

PTENOGLOSA.

Scalariidae.

Aclis beltista n. sp. Persian Gulf. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (53, fig.); *A. thesauraria* n. sp. Gulf of Oman. **Melville**, J. C. J. Malac., London, **11**, 1904, (79, with fig.).

Berthais n. gen. for *Scala intertexta* M. and St. and *Onoba cgregia* A. Ad., figured. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (61).

Callonema filosum† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1901, (11. + [199]–154).

Scala† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *S. fimbriolata* Melv. is a synonym of *S. kieneri* Canefri. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1901, (453–473); **14**, 1904, (1–14).

TAENIOGLOSSA.

Dall, W. H. An historical and systematic review of the frog-shells and tritons. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (114–141).

Naticidae.

Natica† nn. spp. **Oppenheim**, P. In: Esch., Beiträge Geol. Kamerun, **1904**, (243–285); *N.* nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (34, with fig.); *N. gracilis*† n. sp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Petersburg, **23**, 1904, (161, pl. X).

Polinices sagamiensis n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (23).

Capulidae.

Amalthea marylandica† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Calyptrea greensboroensis† n. sp. Maryland. **Martin**, G. C. *l.c.* (131–270, with pl.); *C. sigaretina*† n. sp. **Oppenheim**, P. In: Esch., Beiträge Geol. Kamerun, **1904**, (243–285).

Capulus devotus n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N.S.W., **29**, 1904, (190, pl. VIII, figs. 15–16); *C. fragilis* n. sp. Bay of Bengal. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (1).

Crepidula, embryology. **Conklin**, E. G. Wood's Holl, Mass., Mar. Biol. Lab.

Bull., **2**, 1901, (257–265, with text fig.); *C.* nn. spp. Alaska. **Dall**, W. H. Alaska, (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.).

Diaphorostoma† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1901, (11. + [199]–154).

Platyceras? columbiana† n. sp. New Jersey. Ordovician. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (131, pl. IV, figs. 7–8).

Platygostoma nearpassi† n. sp. New Jersey. **Weller**, S. *l.c.* (334, pl. XLIII, figs. 4).

Trochita alaskana† n. sp. Alaska. **Dall**, W. H. Alaska, (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.).

Solariidae.

Eccyliomphalus subelliptica† n. sp. New Jersey. Ordovician. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (129, pl. IV, fig. 6).

Solarium admirandum, figured. **Melville**, J. C. J. Malac., London, **11**, 1904, (84).

Littorinidae.

Lucina globosa n. sp. Bay of Bengal. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1901, (472).

Littorina (?) *lubrica*† n. sp. Germany. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1901, (22–42); *L. rudis*, parasite. **Kofoid**, C. A. Parker, G. H., ed., Mark Anniversary Volume, New York, 1903, ([111]–120, with 1 pl.).

Fossaridae.

Couthouyia corrugata n. sp. from New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (95, fig. 22).

Fossarus (Couthouyia) nn. spp. Persian Gulf. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (51, with figs.).

Cyclophoridae.

GENERAL.

Collier, E. The conchological differences between the genera and sections of the *Pupinidae*. *J. Conch.*, Leeds, **11**, 1904, (110-115).

SPECIAL.

Alycaeus harimensis var. *sadoensis* n. var. Japan. **Pilsbry, H. A.** and **Hirase, Y.** *Nautilus*, Philadelphia, Pa., **16**, 1903, (128-130).

Catalus nn. spp. Ceylon. **Fulton, H.** *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **13**, 1904, (452); *C. marginatus* Pfr., *nevilli* Sykes nn. varr. **Fulton, H.** *l.c.* (152-153).

Lagochilus obliquistriatus n. sp. Java. **Bullen, R. A.** London, *Proc. Malac. Soc.*, **6**, 1904, (110, with fig.).

Leptopoma crenilabre Strubell, note with figure. **Fulton, H.** *J. Malac.*, London, **11**, 1904, (55, pl., IV); *L. gebiensis* n. sp. Gebi Id. **Fulton, H.** *l.c.* (54, fig.); *L. leucorraphe* Martens, n. var. **Sykes, E. R.** *l.c.* (92); *L. ponsonbyi* n. sp. Obi. **Sykes, E. R.** *l.c.* (91, with fig.).

Neocyclotus panamensis n. sp. Panama. **Da Costa, S. I.** London, *Proc. Malac. Soc.*, **6**, 1904, (6, with fig.).

Opisthostoma beddomei n. sp. Borneo. **Smith, E. A.** *l.c.* (105, with fig.).

Cyclostomatidae.

Colobostylus spp. Jamaica. **Jarvis, P. W.** *Nautilus*, Boston, Mass., **17**, 1903, (62-65, with map).

Cyclostoma elegans Draparnaud, var. *larvis*. **Madoulé, A.** *Elbeuf, Bull. soc. étud. sci. nat.*, **22**, 1903, [1904], (35-36); *C. elegans* Müller in *Deutschland. Menzel, H.* *Berlin, Jahrb. geol. Landesanst.*, **24**, 1904, (381-390).

Realia turriculata Pfr. n. subsp. **Suter, H.** London, *Proc. Malac. Soc.*, **6**, 1904, (157).

Aciculidae.

Arme callosiuscula† n. sp. Miocän, Schlesien. **Andreae, A.** *Hildesheim, Mitt. Roemer-Mus.*, **20**, 1904, (22).

Coziella badgerensis Johnston (from Tasmania), is the correct name for *C. confusa* Smith. **Hedley, C.** Sydney, N.S.W., *Proc. Linn. Soc. N. S. Wales*, **29**, 1904, (183).

Truncatellidae.

Pseudotruncatella n. gen., *P. pretiosa*† n. sp. Miocän, Schlesien. **Andreae, A.** *Hildesheim, Mitt. Roemer-Mus.*, **20**, 1904, (22).

Rissoidae.

Epigrus protractus n. sp. Sydney, N.S.W. **Hedley, C.** Sydney, N.S.W., *Proc. Linn. Soc. N. S. Wales*, **29**, 1904, (185, pl. VIII, figs. 8-11).

Fenella xanthaeae n. sp. Persian Gulf. **Melville, J. C.** London, *Proc. Malac. Soc.*, **6**, 1904, (56, with fig.).

Oscilla nn. spp. Gulf of Oman. **Melville, J. C.** *J. Malac.*, London, **11**, 1904, (82, with figs.).

Rissoa nn. spp. Japan. **Pilsbry, H. A.** Philadelphia, Pa., *Proc. Acad. Nat. Sci.*, **56**, 1904, (26); *R.* nn. spp. Port Alfred. **Smith, E. A.** *J. Malac.*, London, **11**, 1904, (35, with fig.); *R. (Scrobs) columen* n. sp. Persian Gulf. **Melville, J. C.** London, *Proc. Malac. Soc.*, **6**, 1904, (53, with fig.); *R. elata* var. *oblonga* Desmaret, disposition générale du système nerveux. **Quintaret, G.** Paris, *C.-R. Acad. sci.*, **139**, 1904, (301-302); *R. integella* n. sp. N. S. Wales. **Hedley, C.** Sydney, N.S.W. *Proc. Linn. Soc. N. S. Wales*, **29**, 1904, (185, pl. IX, fig. 20); *R. (Onoba) marylandica*† n. sp. Maryland. **Martin, G. C.** Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.); *R. ? mohrensternia* ?† n. sp. Tomakowka. **Michajlovskij, G.** St. Petersburg, *Mém. Com. géolog.*, **13**, No. 4, 1903, (60-61, pl. IV); *R. suteri* n. sp. from New Zealand. **Hedley, C.** Sydney, N.S.W., *Rec. Austr. Mus.*, **5**, 1904, (96, fig. 23).

Rissoina nn. spp. Japan. **Pilsbry, H. A.** Philadelphia, Pa., *Proc. Acad. Nat. Sci.*, **56**, 1904, (27); *R. alfredi* n. sp. Port Alfred. **Smith, E. A.** *J. Malac.*, London, **11**, 1904, (35, with fig.); *R. (Phosinella) phormis* n. sp. Gulf of Oman. **Melville, J. C.** *l.c.*, (80, with fig.).

Stiva n. gen., type *S. ferruginea* n. sp. N. S. Wales. **Hedley, C.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (192, pl. IX, figs. 23-25).

Hydrobiidae.

Emmericia francofurtana† n. form. **Boettger, O.** Frankfurt a. M., Nachr. Bl. D. Malakozool. Ges., **36**, 1901, (112-116).

Heterocyclus petterdi Smith, from N. S. Wales, transferred from genus *Hydrobia*; synonyms are *Pupa anodonta* Hedley and Masson and *Bythinia ricimmondiana* Petterd. Type of latter figured. **Hedley, C.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1901, (183, pl. VIII, fig. 7).

Jullienia carinata n. sp. Yunnan. **Fulton, H. J.** Malac., London, **11**, 1904, (52, with fig.).

Petterdiana brazieri Smith transferred from genus *Hydrobia* *Amnieola positura* Petterd. **Hedley, C.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (184).

Pseudamnieola sinaica n. sp. Egypt. **Pallary, P.** Cairo, Bull. Inst. Egypt, **1901**, (239-244, with 1 pl.).

Stanleya rotundata n. sp. Lake Tanganyika. **Smith, E. A.** London, Proc. Malac. Soc., **6**, 1904, (93).

Vitrella nn. spp. **Geyer.** Stuttgart, Jahreshefte Ver. Natk., **60**, 1904, (317-323); *V. quenstedtii* (Wiedersheim) Clessin, Anatomie. **Seibold, W.** l.c. (198-226, mit 2 Taf.).

Assimineidae.

Assiminea norburyi n. sp. Liu Chao. **Jones, K. H.** and **Preston, H. B.** London, Proc. Malac. Soc., **6**, 1904, (117, fig.).

Adeorbidae.

Adeorbis liscariensis† n. sp. mittel-deutschen Trias. **Picard, E.** Berlin, Jahrb. geol. Landesanst., **22**, 1901, (445-537).

Viviparidae.

Campeloma milesii, specific validity. **Walker, B.** Nautilus, Philadelphia, Pa., **16**, 1903, (121-124, with pl.).

Paludestrina anatina Drap. new to Britain. **Tomlin, J. R.** le B. J. Conch., Leeds, **11**, 1904, (11); *P. taylori*, habits and reproduction. **Jackson, J. W.** and **Taylor, F.** l.c. (45-47).

Vivipara diluviana Kunth and *Vivipara clactonensis* S. V. Wood, specific identity. **Kennard, A. S.** and **Woodward, B. B.** London, Proc. Malac. Soc., **6**, 1904, (66-67); *V. rouyeri* n. sp. Java. **Bullen, R. A.** l.c. (110, with fig.).

Valvatidae.

Valvata nn. spp. **Menzel, H.** Frankfurt a. M., Nachr. Bl. D. malakozool. Ges., **36**, 1904, (77-79); *V. (Cinemma)*† nn. spp. Quartär, Hannover. **Menzel, H.** Berlin, Jarb. geol. Landesanst., **24**, 1901, (254-290, 337-348, mit 1 Taf.); *V. innesi* n. sp. Egypt. **Pallary, P.** Cairo, Bull. Inst. Egypt, **1901**, (239-244, with 1 pl.).

Ampullariidae.

Ampullaria gigas Sp. **Brüning, C.** Natw. Wochenschr., Jena, **19**, 1901, (779-781).

Lanistes innesi n. sp. **Pallary, P.** Cairo, Bull. Inst. Egypt, **1902**, (87-98, with 2 pls.).

Limnopomus n. sect. of *Ampullaria*, type *A. columellaris* Gould. **Dall, W. H.** J. Conch., Leeds, **11**, 1904, (51).

Cerithiidae.

Battium cawlutum n. sp. Gulf of Oman. **Melville, J. C.** London, Proc. Malac. Soc., **6**, 1904, (161, with fig.).

Cerithiopsis calvertensis† n. sp. Maryland. **Martin, G. C.** Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

Cerithium nn. spp. Gulf of Oman. **Melville, J. C.** London, Proc. Malac. Soc., **6**, 1904, (161, with figs.); *C.*† nn. spp. Germany. **Wollemann, A.** Berlin, Jahrb. geol. Landesanst., **24**, (1903),

1904, (22-42); *C. nn. sp. and subsp.* Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (25); *C. icarus* Bayle, synonymous with *Bittium furrum* Watson. **Hedley**, C. Sydney, N.S.W., Proc. Limn. Soc. N. S. Wales, **29**, 1904, (184); *C. koeneni*† n. sp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (151-153, pl. X); *C. sykesi* n. sp. **Brusina**, S. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (167); *C. vulgatum*, développement des spermies apyrènes. **Stephan**, P. Bibliogr. anat., Nancy, **12**, 1903, (77-82, av. fig.).

Planaxis brasiliensis Lamarck has priority over *P. mollis* Sowerby. **Hedley**, C. Sydney, N.S.W., Proc. Limn. Soc. N. S. Wales, **29**, 1904, (186).

Trifora nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (37, with figs.); *T. concatenata* n. sp. Gulf of Oman. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (162, with fig.).

Triphora nn. spp. hab. incert. **Sowerby**, G. B. *l.c.* (174-175, with figs.).

Melaniidae.

Lechaptosia ponsonbyi, figured. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1904, (94).

Melania nn. spp. Yunnan and Java. **Fulton**, H. J. Malac., London, **11**, 1904, (51, 52, with figs.); *M. nn. spp.* New Hebrides. **Sykes**, R. London, Proc. Malac. Soc., **6**, 1904, (13-14, with figs.); *M. (P.) schneeii* n. sp. Marshall Inseln. **Boettger**, O. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (408-409); Zool. Garten, Frankfurt a. M., **45**, 1904, (23-28, 111-116); *M. vara* n. sp. Java. **Bullen**, R. A. London, Proc. Malac. Soc., **6**, 1904, (110, with fig.).

Pleuroceridae.

Goniobasis marylandica† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

Pseudomelaniidae.

Loxonema† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904,

(11. + [199]-454); *L. nn. spp.* mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445-537); *L. jerseyensis*† n. sp. New Jersey. Devonian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (335, pl. XLIII, figs. 8-10).

Protorecula† nn. spp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445-537).

Trypanostylus† nn. spp. mittel-deutschen Trias. **Picard**, E. *l.c.* (445-537).

Undularia† nn. spp. mittel-deutschen Trias. **Picard**, E. *l.c.* (445-537); *U. pertica*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm. Vet.-Ak. Handl., **37**, No. 3, 1903, (53, with pl.).

Turritellidae.

Mathilda carystia, figured. **Melville**, J. C. J. Malac., London, **11**, 1904, (84).

Omphalius collingei n. sp. Persian Gulf. **Melville**, J. C. *l.c.* (80, with fig.).

Promathildia parva† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (53, with pl.).

Turritella† nn. spp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (208, 217-218); *T.*† nn. spp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445-537); *T. eschi*† n. sp. **Oppenheim**, P. In: Esch., Beiträge Geol. Kamern, **1904**, (243-285); *T. galisteocensis*† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q. New York, N.Y., **24**, 1903, (173-246, with pl.); *T. illustris* n. sp. Persian Gulf. **Melville**, J. C. J. Malac., London, **11**, 1904, (81, with fig.); *T. sokolovi*† n. sp. Tomakowka. **Michajlovskij**, G. St. Peterburg, Mém. Com. géolog., **13**, No. 4, 1903, (52-54, pl. III).

Caecidae.

Caecum† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.); *C. digitulum* n. sp. New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (94, fig. 21).

Strebloceras cygnicollis n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (189, pl. VIII, figs. 12-14).

Strombidae.

Rostellaria nn. spp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (219-220); *R. ampla*† dans la Belgique. **Delheid**, D. Bruxelles, Ann. soc. roy. malac., **38**, 1904, (Bul. CXLV-CXLVI).

Chenopodiidae.

Aporrhais bicarinatoides† n. sp. Germany. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Cypraeidae.

Cypraea caputanguis, type is at Santiago. **Byne**, J. Conch., Leeds, **11**, 1904, (57); *C. caurica*, *C. ocellata*, *C. pulchella* nn. varr., and *Cypracidae* of Persian Gulf. **Melville**, J. C. and **Standen**, R. l.c. (117-122); *C. nuculoides*† n. sp. Mississippi and Alabama, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.); *C. onyx*, malformed. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (3); *C. umbilicata*, white variety. **Sowerby**, G. B. London, Proc. Malac. Soc., **6**, 1904, (1).

Ovula symmetrica† n. sp. Mississippi, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.).

Doliidae.

Dolium magnificum† n. sp. China Sea. **Sowerby**, G. B. London, Proc. Malac. Soc., **6**, 1904, (7, with fig.).

Ficula sobria† n. sp. **Oppenheim** P. In: Esch, Beiträge Geol. Kamerun, **1904**, (243-285).

Pyrula harrisi† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1901, (131-270, with pl.).

Cassididae.

Cassidaria echinophora L. forma gigantea. **Kobelt**, [W.]. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (39-40).

Cassis paucirugis Menke, note. **Kenyon**, A. F. J. Conch., Leeds, **11**, 1904, (12-13); *O. (Semicassis) fortisulcata* n. sp. Hawaiian Islands. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1904, (21, with fig.).

Tritonidae.

Caducifer n. sect. of *Colubraria*; type *Triton truncatus* Hinds. Polynesia. **Dall**, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (136).

Craspedotriton n. sect. of *Bufonaria*, subgen. of *Bursa*, type *Triton convolutus* Broderip. **Dall** W. H. l.c. (119).

Engyrina n. nom. = *Gyrina* Schumacher, not *Gyrinus* Linné, type *Ranella gigantea* Lamarck. **Dall**, W. H. l.c. (132).

Lotorium (Colubraria) concinnatum n. sp. Persian Gulf, &c. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (51, with fig.); *L. spengleri* Chemnitz, egg mass figured and described. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (193, pl. VIII, fig. 19).

Maculotriton n. sect. of *Colubraria*; type *Triton bracteatus* Hinds. Polynesia. **Dall**, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (136).

Monostiolium n. sect. of *Colubraria*; type *Triton swifti* Tryon. West Indies. **Dall**, W. H. l.c. (136).

Paralagena n. nom. = *Lagena* Mörch, not Walker; subgen. of *Argobuccinum*; type *Ranella vexillum* Lamarck. Polynesia. **Dall**, W. H. l.c. (132).

Phrygiomurex n. sect. of *Colubraria*; type *Triton sculptilis* Reeve. Polynesia. **Dall**, W. H. l.c. (137).

Taeniola n. sect. of *Colubraria*; type *Triton decollatus* Sowerby. Polynesia. **Dall**, W. H. l.c. (137).

Tritoniscus n. sect. of *Cymatium* type *Triton toroisii* Petit. **Dall**, W. H. l.c. (134).

Tritonocauda n. sect. of *Cymatium*; type *Murex caudatus* Gmelin + *Triton canaliferus* Lam. **Dall**, W. H. l.c. (133).

Turritriton n. sect. of *Cymatium*; type *Triton gibbosus* Broderip. **Dall**, W. H. l.c. (133).

GYMNOGLOSSA.

Eulimidae.

Eulima distincta n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (35, fig.); *E. parvillus* n. sp. New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (96, fig. 24); *E. (Subularia) hypolysina* n. sp. Gulf of Oman. **Melville**, J. C. J. Malac., London, **11**, 1901, (83, with fig.).

Leiostraca murchisoni n. sp. New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (97, fig. 25).

Mueronalia birtsi n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (77, with fig.); *M. oxytenes* n. sp. Gulf of Oman. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (163, with fig.).

Pyramidellidae.

GENERAL.

Dall, W. H. and **Bartsch**, P. Synopsis of the genera, subgenera and sections of the family Pyramidellidae. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (1-16).

SPECIAL.

Asmunda n. subgen. (*Turbonilla*), type *Chemnitzia turrila* C. B. Ads. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (9).

Baldr n. subgen. (*Turbonilla*), type *T. (Baldr)* *archeri*. **Dall**, W. H. and **Bartsch**, P. l.c. (9).

Besla n. subgen. (*Odostomia*), type *Chrysallida convera* Cpr. **Dall**, W. H. and **Bartsch**, P. l.c. (10).

Callolongchaeus n. subgen. (*Pyramidella*), type *P. jamaicensis* **Dall**, W. H. and **Bartsch**, P. l.c. (5).

Cossmannica n. sect. (*Pyramidella*, *Eulimella*), type *P. clandestina* Desh. **Dall**, W. H. and **Bartsch**, P. l.c. (6).

Egila n. subgen. (*Odostomia*), type *Chrysallida lacunata* Cpr. **Dall**, W. H. and **Bartsch**, P. l.c. (11).

Eulimella nn. spp. Persian Gulf, Arabian Sea. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (55-56, with figs.); *E. nn. spp.* Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (36, with fig.); *E. (Anisocycla) marylandica*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

Evalina n. subgen. (*Odostomia*), type *O. (Evalina) americana*. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (12).

Folinella n. subgen. (*Odostomia*), type *Amoura anguliferens* De Fol. **Dall**, W. H. and **Bartsch**, P. l.c. (10).

Haldra n. subgen. (*Odostomia*), type *Chrysallida photis* Cpr. **Dall**, W. H. and **Bartsch**, P. l.c. (11).

Heida n. subgen. (*Odostomia*), type *Syrnola caloosaeensis* **Dall**, W. H. and **Bartsch**, P. l.c. (13).

Iphiana n. subgen. (*Pyramidella*), type *Syrnola densistriata* Garrett. **Dall**, W. H. and **Bartsch**, P. l.c. (6).

Ividia n. subgen. (*Odostomia*), type *Parthenia armata* Cpr. **Dall**, W. H. and **Bartsch**, P. l.c. (11).

Lancella n. subgen. (*Turbonilla*), type *T. (Lancea) elongata* Pse. **Dall**, W. H. and **Bartsch**, P. l.c. (9).

Lysacine n. subgen. (*Odostomia*), type *Chrysallida clausiformis* Cpr. **Dall**, W. H. and **Bartsch**, P. l.c. (14).

Macrochilina† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454).

Milda n. subgen. (*Pyramidella*), type *Obeliscus ventricosus* Quoy. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (4).

Mumiola carbacea n. sp. Arabian Sea. **Melville**, J. C. J. Malac., London, **11**, 1904, (83, with fig.).

Odostomia nn. spp.; *O. (Odetta) callipyrga* n. nom. = *Odetta elegans* De Fol. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (12-16); *Odostomia*† nn. spp. Maryland. **Martin**, G. C. Maryland Geol.

Surv., Miocene, Baltimore, 1901, (131-270, with pl.); *O. doria* n. sp. Persian Gulf. **Melville**, J. C. J. Malac., London, **11**, 1904, (82, with fig.).

Orinella n. subgen. (*Pyramidella*), type *Orina pingicula* A. Ads. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (6).

Pyramidella nn. spp., *P. (Ufa) cossmanni* n. nom. = *Syrnola striata* Cossman. **Dall**, W. H. and **Bartsch**, P. Lc. (5, 14).

Saccoina n. nom., type *Spica montosatoi* Sacco. **Dall** and **Bartsch**. Lc. (8).

Stomega n. nom. (*Odostomia*), type *O. conspicua* Ald. **Dall**, W. H. and **Bartsch**, P. Lc. (13).

Sulcorinella n. subgen. (*Pyramidella*), type *P. (Sulcorinella) dodona*. **Dall**, W. H. and **Bartsch**, P. Lc. (6).

Syrnola africana † n. sp. **Oppenheim**, P. In: Esch, Beiträge Geol. Kamerun, **1904**, (243-285); *S. ambagiosa* n. sp. Persian Gulf. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (55, with fig.).

Syrnolina n. subgen. (*Pyramidella*), type *Syrnola rubra* Pse. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (6).

Turbonilla nn. spp. Gulf of Oman. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (162-163, with figs.); nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (29-31); nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (36, figs.); *T. augustissima* n. sp. Persian Gulf. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (55, with fig.); *T. (Baltra) archeri* n. sp. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (15); *T. (Tragula) gubernatoria* † n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

Ufa n. subgen. (*Pyramidella*), type *P. (Ufa) cossmanni*. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (5).

Vagna n. subgen. (*Pyramidella*), type *P. paumotensis* Tryon. **Dall**, W. H. and **Bartsch**, P. Lc. (5).

Vilia n. subgen. (*Odostomia*), type *O. pilsbryi*. **Dall**, W. H. and **Bartsch**, P. Lc. (10).

Visma n. subgen. (*Turbonilla*), type *Eulimella tenuis* Shy. **Dall**, W. H. and **Bartsch**, P. Lc. (8).

Voluspa n. subgen. (*Pyramidella*), type *P. auricoma* **Dall**. **Dall**, W. H. and **Bartsch**, P. Lc. (1).

Vulnus n. sect. for *Planispira endoplycha* Martens. **Sykes**, E. R. J. Malac., London, **11**, 1904, (88).

RACHIGLOSSA.

Muricidae.

GENERAL.

Uchiyama, R. . . . [Muricidae of Japan.] (Japanese) Dōbuts. Z., Tōkyō, **16**, 1904, (121-129, with pl.).

SPECIAL.

Clavilithes † nn. spp. **Grabau**, A. W. Washington, D.C., Smithsonian Inst. Misc. Collect., **44**, (No. 1417), 1904, (iii + 192, with pl.); *C. columbaris* † n. sp. Mississippi and Alabama, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.).

Ephora tricostata † n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

Magilus antiquus † L. **Vávra**. Vesmír, Prag, **33**, 1901, (193-194); *M. grandis* † n. sp. **Tornquist**, A. Frankfurt a. M., Abh. Senckenb. Ges., **27**, 1901, (321-338, mit 1 Taf.).

Murex brandaris, développement des spermies apyrènes. **Stephan**, P. Paris, C.-R. soc. biol., **55**, 1903, (810-811); *M. camerunensis* † n. sp. **Oppenheim**, P. In: Esch, Beiträge Geol. Kamerun, **1904**, (243-285); *M. (Pteronotus) exquisitus* n. sp. hab. incert. **Sowerby**, G. B. London, Proc. Malac. Soc., **6**, 1904, (176, with fig.); *M. nullispinosus* n. sp. Philippines. **Sowerby**, G. B. Lc. (7, with fig.); *M. (Ocinebra) sykesi* n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (76, with fig.).

Ocinebra monoptera n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (17).

Purpura lapillus variation. **Bigelow**, R. P. and **Conant**, H. S. Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2**, 1901, (361-362); *P. texturata* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (32, with fig.); *P. tosana* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (17).

Sistrum (*Ricinula*) *morus* var. *borealis* n. var. Japan. **Pilsbry**, H. A. l.c. (18).

Trophon nn. spp. **Strebel**, H. Zool. Jahrb., Jena, Abt. F. Syst., **21**, 1904, (203-242); *T. tetricus* var. *laevis*† n. var. *T. chesapeakeanus*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

Coralliophilidae.

Coralliophila dissimulans n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (77, with figs.); *C. jeffreysi* var. *hiradoensis* n. var. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (16).

Columbellidae.

Columbella nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1900, (14-16); *C. (Astyris) agatha* n. sp. Persian Gulf. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (52, with fig.); *C. calvertensis*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.); *C. (?) macrurella* subcarinata† n. sp. **Oppenheim**, P. In: Esch, Beiträge Geol. Kamerun, **1904**, (243-285); *C. pyramidalis* Sby. note. **Smith**, E. A. J. Malac., London, **11**, 1904, (30).

Nassidae.

Bullia (*Pseudostrombus*) *strenaria* n. sp. Persian Gulf. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1901, (51, with fig.); *B. trifasciata* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (34, fig.).

Nassa. Sur les fibres musculaires du cœur. **Mader**. Paris, C.-R. Acad. sci., **138**, 1904, (1537-1538); *N.*† nn. spp. Maryland. **Martin**, G. C. Maryland

Geol. Surv., Miocene, Baltimore, 1904, (131-370, with pl.); *N. (Phrontis)* nn. spp. Ceylon, Calcutta. **Preston**, H. B. J. Malac., London, **11**, 1904, (76, with fig.); *N. mutabilis*, le développement des spermies apyrènes. **Stephan**, P. Bibliogr. anat., Nancy, **12**, 1903, (77-82, av. fig.); *N. poecilosticta* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (33, with fig.); *N. semiplicata* nn. subspp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (20).

Buccinidae.

Buccinum sp. aff. *coloratum* Eichw. var. *sarmatica*† n. var. **Laskarev**, V. St. Peterburg, Mem. Com. géolog., (N. Ser.), **5**, 1903, (96-97); *B.*† nn. spp. **Oppenheim**, P. In: Esch, Beiträge, Geol. Kamerun, **1904**, (243-285).

Chrysodomus patuxcentensis† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

Cominella ovalinata† n. sp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (155-156, pl. XI); *C. (?) sulcata* Sby. is probably a *Daphnella*. **Smith**, E. A. J. Malac., London, **11**, 1904, (28); *C. unifasciata* Sby. is a synonym of *Purpura castanea* Dkr. **Smith**, E. A. l.c. (33).

Cyllene japonica n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (19).

Metula mitrella Ad. and Roe, is a synonym of *M. hindsi* Ad. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (453-473); **14**, 1904, (1-14).

Phos tabidus n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (191, pl. VIII, fig. 18).

Pseudoliva† nn. spp. **Oppenheim**, P. In: Esch, Beiträge Geol. Kamerun, **1904**, (243-285); *P. krischtafowitschi*† n. sp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (156-158, pl. XI).

Siphonalia† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

Tritonidea tozana n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (19).

Fasciolaridae.

Clavellofusus† n. gen., *C. spiratus*†, *C. tuberculatus*†, *C. macrospiratus*† nn. spp. **Grabau**, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417, 1904, (99).

Cosmolithes† n. gen., (genotype *Fusus uniplicatus* Lamarck.) *C. subuniplicatus*†. **Grabau**, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417, 1904, (142).

Euthriofusus burdigalensis var. *carinatus* n. var. **Grabau**, A. W. l.c. (iii + 192, with pl.).

Falsifusus n. gen., type *Fusus meyeri* Aldrich (= *F. ottonis* Aldrich.) **Grabau**, A. W. l.c. (80).

Fasciolaria, embryology. **Osborn**, H. L. Amer. Nat., Boston, Mass., **38**, 1904, (869-884, with text fig.).

Fulgurofusus n. gen., (genotype *Fusus quercollis* Harris.) **Grabau**, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (86).

*Fusus*²†, phylogeny. **Grabau**, A. W. l.c. (iii + 192, with pl.); *F.* nn. spp. nn. varr. l.c. (66); *F. cingulatus* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (30, fig.); *F. (?) schrammeni*† n. sp. Germany. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42); *F. suboblitus* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (18); *F. supramoerchi*† n. sp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (158-159, pl. X).

Heilprinia† n. gen., (genotype *Fusus caloosaensis* Heilprin.) **Grabau**, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (87).

Latirus elaboratus† n. sp. Alabama, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.); *L. incompletus*† n. sp. **Oppenheim**, P. In: Esch, Beiträge, Geol. Kamerun, **1904**, (243-285).

(x 2-5653)

Rhopalithes† n. gen., *R. rugoides*†, *R. clavelloides*†, *R. tuberculoideus*† nn. spp. **Grabau**, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (135).

Sycum bulbiforme† n. sp. **Oppenheim**, P. In: Esch., Beiträge Geol. Kamerun, **1904**, (243-285).

Mitridae.

Mitra hirasei n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (12); *M. mariana*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.); *M. stephanucha* Melv. note, with n. var. **Melville**, J. C. J. Malac., London, **11**, 1904, (86); *M. townsendi* n. sp. Persian Gulf. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (163, with fig.).

Thala ceylonica n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (76, fig.); *T. ogasawarana* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (13).

Volutidae.

Admetopsis? *elevata*† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines, Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Rostellites dalli var. *wellsi*† n. var. New Mexico. Cretaceous. **Johnson**, D. W. l.c. (173-246, with pl.).

Voluta brazieri Cox is, from the type, probably a monstrosity of *V. deliciosa* Montrz. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1904, (178).

Marginellidae.

Marginella nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (31-32, with figs.); *M. calvertensis*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.); *M. (Cryptospira) robusta* n. sp. Ascension Island. **Sowerby**, G. B. London, Proc. Malac. Soc., **6**, 1904, (175, with fig.).

Olividae.

Ancilla nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (29, figs.).

Oliva gibbosa Born, variation. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (64-65, with fig.): *O. harrisi*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

Olivella zintgrafi† n. sp. **Oppenheim**, P. In: Esch., Beiträge Geol. Kamerun, **1904**, (243-285).

TOXOGLOSSA.

Terebridae.

Parviterebra paucivolvis n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (5).

Terebra nn. spp. Japan. **Pilsbry**, H. A. l.e. (4); *T. (Acus) curvilineata*† nn. varr., *T. (Hastula) patuxentia*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.); *T. hedleyi* Tate. synonymous with *Cingulina circinata* A. Ad. **Smith**, E. A. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (211); *T. suspensa* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (30, with fig.).

Conidae.

Ancistrogyrinx orientis n. sp. Persian Gulf. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (56, with fig.).

Clathurella nn. spp. Persian Gulf. **Melville**, J. C. l.e. (58-59, with figs.); nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (11-12); *C. bulleni* n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1901, (75, with fig.); *C. crassilirata* n. sp. Port Alfred. **Smith**, E. A. l.e. (27, with fig.); *C. perlissa* n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (460); *C. polyhymnia* n. sp. Gulf of Oman. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (165, with fig.).

Conus nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (3-37, with pl.); *C. comatosa* n. nom. = *C. dormitor* Pilsbry. Japan. **Pilsbry**, H. A. l.e. (550-561, with pl.); *C. coromandelicus* is a *Conorbis*, with notes. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (170); *C. waltonensis*† n. sp. Florida and Alabama. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **19**, 1903, (131-132, with text fig.).

Cythara nevilliana n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (75, with fig.).

Daphnella nn. spp. Gulf of Oman. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (167, with figs.); *D. cassandra* n. sp. from Sydney and Tasmania. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (187, pl. VIII, fig. 17); *D. culimenes* n. sp. Gulf of Oman. **Melville**, J. C. J. Malac., London, **11**, 1904, (84, with fig.); *D. radula* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (8).

Drillia† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.); *D.* nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (7-8); *D.* nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (26-27, with figs.); *D. worthingtoni* n. sp. off Andaman Is. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (460).

Glyphostoma siren n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (28, with figs.).

Mangilia† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.); *M.* nn. spp. Persian Gulf. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (57, 58, 165-167); *M.* nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (9-10); *M. alfredi* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (29, with fig.); *M. posidonia* n. sp. Gulf of Oman. **Melville**, J. C. l.e. (84, with fig.).

Mitromorpha substriata Suter, transferred from genus *Daphnella*. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (97); *M. volva* Sby. var. **Smith**, E. A. J. Malac., London, **11**, 1904, (31).

Pleurotoma† nn. spp. Saratov district. **Archangel'skij**, A. Mater. geol. Ross., St. Petersburg, **22**, 1901 (162-166, pl. XI); *P.*† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1901, (131-270, with pl.); *P.* nn. spp. Gulf of Oman. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1901, (161, with figs.); *P.*† nn. spp. **Oppenheim**, P. In: Esch., Beiträge Geol. Kamerun, **1904**, (213-285); *P. (Drillia) caseyi*† n. sp. Mississippi, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.); *P. (Succinea) margaritae* n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1901, (158); *P. travancorica* n. var. **Smith**, E. A. Lc., (153-173); **14**, (1-11); *P. trypanodes* n. sp. Arabian Sea. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1901, (57, with fig.).

Succinea mariana† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1901, (131-270, with pl.).

Cancellariidae.

Cancellaria† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1901, (131-270, with pl.); *C. bifoliata*† n. sp. Florida, Oligocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.).

Cancellariella† n. subgen. (of *Cancellaria*). Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1901, (168).

INCERTAE SEDIS.

Enteroxenos östergreni, zur Kenntnis der Spermiogenese. **Bonnevie**, K. Biol. Centralbl., Leipzig, **24**, 1901, (267-274, 306-310).

PROSOBRANCHIATA NOT FURTHER CLASSIFIED BY SLIPMAKER.

Burtonilla n. gen. for *Turbonilla* (?) *crebriformis* **Smith**. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1901, (97).

Cymisca fortisulcata n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1901, (38, with fig.).

Euomphalopterus alatus† nn. var. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1901, (128-186, with pl.).

Fritschia n. gen., *F. multicostata*†, *F. paucicostata*† nn. spp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1901, (187).

Girardia minor, *G. tanganyicensis*, figured. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1901, (96).

Phragmostoma chantauquæ† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1901, (1 l. + [199]-151).

Pseudotyllostoma† n. gen., *P. romeroi*† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (207).

Styloplygma lacteola n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1901, (77, fig.).

Tectospira† n. gen., *T. chopi*† n. sp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1901, (479).

Tropidocyclus hyalinus† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1901, (1 l. + [199]-151).

OPISTHOBRANCHIATA.

Mazzarelli, G. Note biologiche sugli opisthobranchi del Golfo di Napoli, Parte 1^a: Tettibranchi. Milano, Atti Soc. ital. sc. nat., **40**, fasc. 1^o, 1902, (291-314).

TECTIBRANCHIATA.

Actacon calvertensis† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1901, (131-270, with pl.); *A. camerunensis*† n. sp. **Oppenheim**, P. In: Esch., Beiträge Geol. Kamerun, **1904**, (243-285); *A. difficilis*† n. sp. Saratov district. **Archangel'skij**, A. Mater. geol. Ross., St. Petersburg, **22**, 1901, (168-169, pl. XI); *A. globulinus* **Forbes**, figured.

Sykes, E. R. London, Proc. Malac. Soc., **6**, 1904, (29); *A. pulchrior* n. sp. Persian Gulf. **Melville**, J. C. *l.c.* (168, with fig.).

Actaeonina ovata† n. sp. mitteldeutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445-537).

Aplysia, notes on British forms. **Hunt**, A. R. Plymouth, Trans. Devon. Ass., **36**, 1904, (445-486); Dynamik, Kreislauf und Innervation nebst Bemerkungen zur vergleichenden Muskelphysiologie des Herzens. **Straub**, W. Arch. ges. Physiol., Bonn, **103**, 1904, (429-449); Beiträge zur physiologischen Methodik mariner Thiere. **Straub**, W. Mitt. Zool. Stat. Neapel, Berlin, **16**, 1904, (458-468, mit 1 Taf.); *A. punctata*, élément nucléinien pendant les divisions de maturation dans l'œuf. **Janssens**, F. A. and **Elrington**, G. A. Cellule, Louvain, **21**, 1904, (315-326, pls. 1, II).

Atys pransa n. sp. Wollongong, N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (191, pl. IX, figs. 21, 22); *A. submalleata* n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (6).

Avellana carolensis† n. sp. **Etheridge**, R. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (109, pl. XV, figs. 3, 4, 11).

Bulla solitaria, centrosome. **Smallwood**, M. Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2**, 1901, (145-154, with text fig.); *B. striatula* Forbes, figured. **Sykes**, E. R. London, Proc. Malac. Soc., **6**, 1904, (37).

Bullina elongata Jeffreys, figured. **Sykes**. *l.c.* (36).

Cylichna† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.); *C. andamanica* n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (6); *C. hoernesii* Weink., figured. **Sykes**, E. R. London, Proc. Malac. Soc., **6**, 1904, (36); *C. obscura* n. sp. off S. of Ireland. **Sykes**, E. R. *l.c.* (37, with fig.); *C. pithisensis* n. sp. Gulf of Oman. **Melville**, J. C. *l.c.* (168, with fig.).

Desmopterus papilio Chun, Anatomie und systematische Stellung. **Meisenheimer**, J. Zool. Anz., Leipzig, **27**, 1904, (331-334, 337-340).

Haminea solitaria, development. **Smallwood**, W. M. Amer. Nat., Boston, Mass., **38**, 1904, (207-225, with text fig.).

Leucotina micra Pritchard and Gatliff transferred from genus *Turbonilla*, range extended to N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (187).

Notarchus Cuvier, bibliography of the genus; *N. brevipes* n. sp. **Hägg**, R. In: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, 1904, Pt. 1, (7-13, 3-5).

Philine sykesii n. sp. Persian Gulf. **Melville**, J. C. London, Proc. Malac. Soc., **6**, 1904, (60, with fig.).

Retusa bysma n. sp. Gulf of Oman. **Melville**, J. C. *l.c.* (168, with fig.); *R. (Cylichna) marylandica*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.); *R. excavata*, *R. lactea* figured. **Sykes**, E. R. London, Proc. Malac. Soc., **6**, 1904, (31); *R. marshalli* n. sp., off Portugal. **Sykes**, E. R. *l.c.* (31, with fig.).

Scaphander ceylanica n. sp., off Ceylon. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (5).

Siphonaria nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (36).

Tornatina nn. spp. Japan. **Pilsbry**, H. A. *l.c.* (36-37, with pl.).

Voltrula iota† nn. varr. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131-270, with pl.).

NUDIBRANCHIATA.

GENERAL.

Bergh, R. Malacologische Untersuchungen. Tl 6, Lfg 1: Nudibranchiata. (Reisen im Archipel der Philippinen von C[arl] Semper. Wissenschaftl. Resultate. Bd 9. Tl 6. Lfg 1.) Wiesbaden, 1904, (57, mit 4 Taf.).

Grosvenor, G. H. Nematocysts of Nudibranchiata. London, Proc. R. Soc., **72**, 1901, (462-486).

SPECIAL.

Aeolis, Nesselkapseln. **Spengel**, J. W. *Natw. Wochenschr.*, Jena, **19**, 1901, (849-851).

Alloiodoris n. gen., *A. marmorata* n. sp. Tasmania. **Bergh**, R. *Reisen Philippinen*, Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1901, (41).

Archidoris nn. spp. **Bergh**, R. *l.c.* (31, 33).

Bornella digitata Adams, *excepta* **Bergh**, radula. **Eliot**, C. N. E. *London, Proc. Zool. Soc.*, **1904**, 2, (102); *B. simplex* n. sp. Zanzibar. **Eliot**, C. N. E. *l.c.* (103, with fig.).

Chromodoris nn. spp. Zanzibar. **Eliot**, C. N. E. *l.c.* 1, (387-399, with figs.); *C. elizabethina* **Bergh**, n. var. **Eliot**, C. N. E. *l.c.* (392); *C. lineata* Souleyet n. var. **Eliot**, C. N. E. *l.c.* (397); *C. reticulata* Pease, figured. **Eliot**, C. N. E. *l.c.* (386).

Coryphella californica n. sp. **Bergh**, R. *Reisen Philippinen*, Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1904, (6).

Cuthona? *bicolor* n. sp. **Bergh**, R. *l.c.* (3).

Discodoris nn. spp. Tasmania. **Bergh**, R. *l.c.* (53, 54).

Doris planata, notes. **Eliot**, C. N. E. *London, Proc. Malac. Soc.*, **6**, 1904, (180-181).

Fiona marina, cell-lineage, larval development. **Casteel**, D. B. *Philadelphia, Pa., Proc. Acad. Nat. Sci.*, **56**, 1904, (325-405, with pl.); embryology. **Casteel**, D. B. *Amer. Nat.*, Boston, Mass., **38**, 1904, (505-506).

Hexabranchus Ehrenberg, bibliography of the genus; *H. plicatus* n. sp. **Hägg**, R. *In: Jägerskiöld, L. A. Res. expd. Egypt, Uppsala*, 1901, Pt. 1, (13 16, 5-7).

Homoiodoris novae zealandiae n. sp. **Bergh**, R. *Reisen Philippinen*, Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1904, (35).

Linguella variolosa n. sp. **Bergh**, R. *l.c.* (21).

Marionia nn. spp. E. Africa and Zanzibar. **Eliot**, C. N. E. *London, Proc. Zool. Soc.*, **1904**, 2, (94-98).

Melibe pellucida n. sp. **Bergh**, R. *Reisen Philippinen*, Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1904, (11).

Nembrotha nn. spp. E. Africa, Zanzibar. **Eliot**, C. N. E. *London, Proc. Zool. Soc.*, **1904**, 2, (91-92, with fig.).

Notodoris minor n. sp. Zanzibar. **Eliot**, C. N. E. *l.c.* (81).

Peronodoris n. gen., *P. cancellata* n. sp. Pacific Ocean. **Bergh**, R. *Reisen Philippinen*, Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1901, (15).

Pleuroleura alba n. sp. Zanzibar. **Eliot**, C. N. E. *London, Proc. Zool. Soc.*, **1904**, 2, (101).

Sclerodoris is a synonym of *Peronodoris*. **Eliot**, C. N. E. *l.c.* 1, (380).

Sphaerodoris laevis **Bergh**, n. var. **Eliot**, C. N. E., *l.c.*, 1, (403).

Trevelyana ceylonica Kelaart, *T. crocea* **Bergh**, *T. bicolor* (?) **Alder** and **Hancock**, figured. **Eliot**, C. N. E. *l.c.* 2, (86-87); *T. coccinea* n. sp. E. Africa. **Eliot**, C. N. E. *l.c.* (85, with fig.).

Tritonia nn. spp. **Bergh**, R. *Reisen Philippinen*, Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1901, (24).

PTEROPODA.

Clione punctata n. sp. **Tesch**, J. J. *Siboga Exp. Leide. Livr. 16, Monogr.* **52**, 1904, (1-92).

Clionopsis microcephalus n. sp. **Tesch**, J. J. *l.c.* (1-92).

Corolla (Cymbuliopsis) spectabilis **Dall.**, anatomy. **Heath**, H. and **Spaulding**, M. H. *Zool. Jahrb.*, Jena, Abt. f. Anat., **20**, 1904, (67-80, mit 1 Taf.).

Cymbulia sibogae n. sp. **Tesch**, J. J. *Siboga Exp. Leide. Livr. 16, Monogr.* **52**, 1904, (1-92).

Cymbuliopsis intermedia n. sp. **Tesch**, J. J. *l.c.* (1-92).

Hyalithes lusitanicus† n. sp. Portugal. **Delgado**, J. F. N. *Lisboa, Com. Trab. Geol.*, **5**, 1904, (355).

Paraclione pelseneeri n. sp. **Tesch**, J. J. *Siboga Exp. Leide. Livr. 16, Monogr.*, **52**, 1904, (1-92).

Peraclis nn. spp. **Tesch**, J. J. *l.c.* (1-92).

Pneumodermia nn. spp. **Tesch**, J. J. *l.c.* (1-92).

Protospiralis† n. gen., type *Platysotoma*? *minutissima*† Clarke. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]-454).

PULMONATA.

GENERAL.

Conklin, E. G. Organ-forming germ-regions in the eggs of ascidians and snails. [Abstract.] Amer. Nat., Boston, Mass., **38**, 1904, (501-502).

Sturany, R. Ueber einige von Herrn G. Paganetti - Hunmler entdeckte Höhlenschnecken. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (103-107).

Taylor, J. W. Monograph of the land and fresh-water Mollusca of the British Isles. Part X, Vol. 2. Leeds, 1904, (105-160, pls. VII, XIII-XVII).

BASOMMATOPHORA.

Auriculidae.

Carychium bermudense† n. sp. Bermuda. **Gulick**, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

Amphibolidae.

Ampullarina africana n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (38, with fig.).

Limnaeidae.

Ameria plicaxis n. sp. Obi. **Sykes**, E. R. J. Malac., London, **11**, 1904 (92, with fig.).

Ancylus. Südamerika. Trockenzeitanpassung. **Boettger**, O. Zool. Anz., Leipzig, **27**, 1901, (264-267); *A. fluviatilis* Müller auf *Dytiscus marginalis* L. **Scholz**, R. Insektenbörse, Leipzig, **21**, 1904, (140).

Limnaea (*Gulnaria*) un. spp. Shantung. **Jones**, K. H. and **Preston**, H. B. London, Proc. Malac. Soc., **6**, 1904, (141-142, with figs.); *L. sickenbergeri*

n. sp. Egypt. **Pallary**, P. Cairo, Bull. Inst. Egypt, **1901**, (239-244, with 1 pl.); *L. truncatula* n. var. **Bellini**, R. J. Conch., Leeds, **11**, 1904, (38).

Lucena† v. *Succinea*.

Planorbis corneus, Entwicklung von Niere, Pericard und Herz. **Pötzsch**, O. Zool. Jahrb., Jena, Abt. f. Anat., **20**, 1904, (409-438, mit 3 Taf.); *P. truncatus*, notes. **Baker**, F. C. St. Louis, Mo., Trans. Acad. Sci., **14**, 1904, (107-110).

Physidae.

Dall, W. H. Hawaiian *Physidae*. Nautilus, Philadelphia, Pa., **16**, 1903, (106).

STYLOMMATOPHORA.

Testacellidae.

Glandina bogotensis n. sp. Colombia. **Da Costa**, S. I. London, Proc. Malac. Soc., **6**, 1904, (6, with fig.).

Paryphanta fumosa, anatomy. **Murdoch**, R. Wellington, Trans. N. Zeal. Inst., **36**, 1904, (156-160).

Pseudelma n. gen. (= *Ennea incisa* u. *E. martensiana* Morelet). China. **Kobelt**, W. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (26-30).

Rhytida duplicata n. sp. New Zealand. **Suter**, H. London, Proc. Malac. Soc., **6**, 1904, (155, with fig.).

Sinocennea n. gen. (= *Ennea strophiodes* Gredler). China. **Kobelt**, W. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (26-30).

Streptostyla costaricensis n. sp. Costa Rica. **Da Costa**, S. I. London, Proc. Malac., **6**, 1904, (6, with fig.).

Testacella haliotidea, habits. **Cooke**, A. H. J. Malac., London, **11**, 1904, (49).

Limacidae.

GENERAL.

Heynemann, D. F. Some recent slug papers. J. Malac., London, **11**, 1904, (48-49).

Simroth, H. Ueber die von Herrn Dr. Mrazek in Montenegro gesammelten Nacktschnecken unter Hinzunahme verwandten Materiales. Prag, Věstn. České Spol. Nauk, (26. Aufsatz), **1904**, (25, mit 1 Taf.).

——— Ueber die von Herrn Dr. Neumann in Abessinien gesammelten aulacopoden Nacktschnecken. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (673-726, mit 4 Taf.).

SPECIAL.

Agriolimax nn. spp. Abessinien. **Simroth**, H. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (676-694).

Amalia oppoliensis† n. sp. Miocän, Schlesien. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Ariophanta juliana, generative organs. **Overton**, H. J. Malac., London, **11**, 1904, (12-14, with figs.).

Atoxon erlangeri n. sp. Abessinien. **Simroth**, H. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (700).

Collingea, notes. **Collinge**, W. E. London, Proc. Malac. Soc., **6**, 1904, (9-12).

Coneuplecta moellendorffi n. nom for *C. globulosa*, Mlldff. 1901 non 1900. **Gude**, G. K. J. Malac., London, **11**, 1904, (95).

Damayantia, notes. **Collinge**, W. E. London, Proc. Malac. Soc., **6**, 1904, (9-12); *D. smithi*, notes. **Godwin-Austen**, H. H. *l.c.* (133).

Euconulus turbinatus† n. sp. Bermuda. **Gulick**, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

Euplecta pratti n. sp. British New Guinea. **Gude**, G. K. London, Proc. Malac. Soc., **6**, 1904, (114, with fig.).

Hyalinia nn. spp. Corse. **Caziot**. Paris, Mem. Soc. zool., **16**, 1903, (34).

Isselentia, notes. **Collinge**, W. E. London, Proc. Malac. Soc., **6**, 1904, (9-12).

Kaliella nn. spp. Hawaii. **Ancey**, C. F. *l.c.* (119-120, with figs.).

Limax excaratus† n. sp. Miocän, Schlesien. **Andreae**, A. Hildesheim, Mitt. Roemer Mus., **20**, 1904, (22); *L.*

tenellus (Müll), note, with exhibition of living examples from the "Forth" area. **Evans**, W. Edinburgh, Proc. R. Physic Soc., **16**, 1904, (22-24); *L. tenellus*, re-establishment as a British species. **Roebuck**, W. D. J. Conch., Leeds, **11**, 1904, (106-109); *L. tenellus* in Scotland. Ann. Scot. Nat. Hist., Edinburgh, **1904**, (218-221); *L. variegatus*, Biologie. **Künkel**, K. Zool. Anz., Leipzig, **27**, 1904, (571-578); *L. variegatus*, note. **Miranda Ribeiro**, A. de. Arch. Mus., Rio de Janeiro, **12**, 1904, (138-139).

Macrochlamys perfragilis var. *shikokuensis* n. var. Japan. **Pilsbry**, H. A. and **Hirase**, Y. Nautilus, Philadelphia, Pa., **16**, 1903, (128-130).

Microcystina higashiyamana n. sp. Japan. **Pilsbry**, H. A. and **Hirase**, Y. *l.c.* (128-130).

Microcystis rufobrunnea n. sp. Hawaii. **Ancey**, C. F. London, Proc. Malac. Soc., **6**, 1904, (119, with fig.).

Parmacella deshayesi, eggs, &c. **Collinge**, W. E. J. Malac., London, **11**, 1904, (49).

Pocillozonites† nn. spp. Bermuda. **Gulick**, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

Spirotoxox nn. spp. Abessinien. **Simroth**, H. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (701).

Trochomorpha nn. spp. Engano. **Sykes**, E. R. J. Malac., London, **11**, 1904, (87, with figs.); *T. (Nigritella) insolata* n. sp. Marshall-Inseln. **Boettger**, O. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (110).

Varania n. gen. (~*Urocyclas*) V. *loembergi* n. sp. Abessinien. **Simroth**, H. *l.c.* **19**, 1904, (710).

Vitrea hawaiiensis n. sp. Hawaii. **Ancey**, C. F. London, Proc. Malac. Soc., **6**, 1904, (120, with fig.).

Zonitoides bristolii† n. sp. Bermuda. **Gulick**, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

Endodontidae.

Delos, new generic name for *Rhenea* (pre-occ.). **Hutton**, F. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (161).

Endodonta (Charopa) nn. spp. New Zealand. **Webster**, W. H. London, Proc. Malac. Soc., **6**, 1904, (107, 108, with fig.); *E. (C.) transenna* n. sp. New Zealand. **Suter**, H. l.e. (156, with fig.); *E. hookeriana* Johnston figured from the type from Tasmania. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (182, pl. VII, fig. 1-3).

Flammulina mathinnae Petterd figured from the type from Tasmania. **Hedley**, C. l.e. (182, pl. VIII, fig. 4-6).

Laoma moellendorffi Suter, sinistral specimen. **Suter**, H. London, Proc. Malac. Soc., **6**, 1904, (157); *L. (Phrixognathus)* nn. spp. New Zealand. **Webster**, W. H. l.e. (106, with figs.).

Punctum horneri n. sp. Oahu. **Ancey**, C. F. J. Malac., London, **11**, 1904, (66, fig.); *P. propygmæum*† n. sp. Miocän, Schlesien. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Pryamidula, variation. **Baker**, F. C. Amer. Nat., Boston, Mass., **38**, 1904, (661-668, with text fig.); *P. mamillata*† n. sp. Miocän, Schlesien. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22); *P. strigosa concentrata* in Colorado. **Cockerell**, T. D. A. Nautilus, Philadelphia, Pa., **16**, 1903, (106-107).

Scapho, new generic name for *Carthaea* (pre-occ.) **Hutton**, F. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (461).

Thermia, new generic name for *Pyrroha* (pre-occ.) **Hutton**, F. W. l.e. (461).

Helicidae.

GENERAL.

Simroth, [H.]. Ueber Philomyciden und Arioniden. Leipzig, Sitz-Ber. natf. Ges., **28-29**, (1901-2), 1903, (32-45).

SPECIAL.

Albersia subsphaerica n. sp. Gebi Id. **Fulton**, H. J. Malac., London, **11**, 1904, (51, with fig.); *A. waigiouensis* n. sp. Waigiou. **Sykes**, E. R. l.e. (88, with figs.).

Arion hortensis, absence of male generative organs. **Collinge**, W. E. l.e. (14-15); *A. subfuscus*, note on two varieties. **Collinge**, W. E. l.e. (98).

Ariunculus pallaryi n. sp. Algeria. **Collinge**, W. E. l.e. (47).

Ashmunella thompsoniana : pecosensis† n. subsp. New Mexico. **Cockerell**, T. D. A. Nautilus, Philadelphia, Pa., **16**, 1903, (105); *A. townsendi* n. sp. New Mexico. **Bartsch**, P. Washington, D.C., Smithsonian Inst., Misc. Coll. Q., **47**, 1904, (13-14).

Bulimus (?) *illustris* n. sp. **Rolle**, H. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (35-39, mit 1 Taf.).

Campylea (Beck) v. Th., Beschreibung und Bestimmungstabelle der Arten; *C. banatica* Rossm., *C. stenophala* Mke., *C. trizona* Rossm., *C. planospira* Lam., *C. denudata* Rossm., var. *imberbis* Brus., *C. setosa* Rossm., *C. coerulans* C. Pfr., *C. sadleriana* Rossm., *C. hirta* Mke., *C. intermedia* Fér., *C. cingulella* Rossm., var. *petro-galli*, *C. faustina* Rossm., *C. kiralyköica* Kim., *C. rossmässleri* Pfr., var. *budayi*, *C. horsei* Kim., *C. robustorum* L., varr., *C. aethiops* M. Bielz, var. *petrii* Kim., *C. lapidea* L., *C. personata* Lam., Beschreibung. **Soós**, L. Állatt. Közlem., Budapest, **3**, 1904, (166-179).

Corilla erronella (Nevill, M. S.) n. sp. Ceylon. **Gude**, G. K. J. Malac., London, **11**, 1904, (45, with fig.).

Dorcasia fruticum Müll., Beschreibung. **Soós**, L. Állatt. Közlem., Budapest, **3**, 1904, (182-183).

Eulota globosa n. sp. Shantung. **Jones**, K. H. and **Preston**, H. B. London, Proc. Malac. Soc., **6**, 1904, (110, with fig.).

Eurystoma rittata Albers, anatomy. **Godwin-Austen**, H. H. l.e. (48-50, pl. IV).

Fruticicola (Held) v. Th., Beschreibung und Bestimmungstabelle der Arten; *F. hispida* L., *F. pietruskycna* Pl., *F. widentata*, var. *edentula* Drap., *F. sericea* Drap., *F. bielzi* E. A. Bielz, *F. leucozona* C. Pfr., *F. filicina* Pfr., *F. incarnata* Müll., *F. umbrosa* C. Pfr., *F. dibothryon* Kim., *F. bidens* Chemn., *F. transylvanica* West, *F. rubiginosa* A. Schum., *F. vicina* Rossm., *F. cinetella* Drap., *F. erjavecii* Brus. varr., *F. dacica* Soós, *F. lubomirskii* Slósarski, *F. hirci* Cless, *F. strigella*

Drap., Beschreibung. **Soós**, L. Állatt. Közlem., Budapest, **3**, 1904, (150-160); *F. erjavecii* Brus. nn. varr., *F. ducica* n. sp. Ungarn. **Soós**, L. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1901, (295).

Gonostoma Held, Beschreibung und Bestimmungstabelle der Arten; *G. holoserica* Studer, *G. obroluta* Müll., *G. diodontata* Fér., *G. triaria* Rossm., varr. **Soós**, L. Állatt. Közlem., Budapest, **3**, 1904, (179-182).

Helix (L.) v. Th., Beschreibung und Bestimmungstabelle der Arten; *H. hortensis* Müll., *H. nemoralis* L., *H. rindobonensis* Fér., *H. vermiculata* Müll., *H. pomatias* L., *H. secermenda* Rossm., *H. lutescens* Rossm., *H. cineta* Müll., *H. aspersa* Müll., Beschreibung. **Soós**, L. l.c. (160-166); *H.* nn. spp. Corse. **Caziot**, Paris, Mem. soc. zool., **16**, 1903, (35-36); *H. aspersa*, reversed. **Welch**, R. and **Stelfox**, A. W. Irish Nat., Dublin, **13**, 1901, (189, with fig.); *H. fourtaui* n. sp. Egypt. **Pallary**, P. Cairo, Bull. Inst. Egypt, **1901**, (239-241, with 1 pl.); *H. portensis* Müller und *H. nemoralis* L., Varietätenbildung. **Lang**, A. Jena, Denkschr. med. Ges., **11**, 1904, (437-506); *H. nemoralis*, sinistral. **Collier**, E. J. Conch., Leeds, **11**, 1901, (57); *H. nemoralis*, variation. **Winkworth**, J. T. Stratford, Essex Nat., **13**, 1901, (256); *H. pomatia* L. Funktion der Speicheldrüse. **Gorka**, S. Állatt. Közlem., Budapest, **3**, 1901, (211-226); *H. pomatia*, sinistral. **Jennings**, F. B. J. Conch., Leeds, **11**, 1904, (96); *H. pomatia*, structure du spermatozoïde. **Lee**, A. B. Cellule, Louvain, **21**, 1904, (79-116, av. 1 pl.); évolution du spermatozoïde. **Lee**, A. B. l.c. (401-411, av. 2 pls.).

Hygromia (*Fruticicola*) *neudorfensis*† n. sp. Miocän, Schlesien. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1901, (22).

Iberus Montfort. **Kobelt**, W. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (88).

Leucochroa arabica n. sp. Egypt. **Pallary**, P. Cairo, Bull. Inst. Egypt, **1901**, (239-241, with 1 pl.).

Obba subgranulata n. sp. Batjan. **Sykes**, E. R. J. Malac., London, **11**, 1901, (89, with fig.).

Otala Shum. **Kobelt**, W. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1901, (88).

Papuna nn. spp. Batjan, Gebi Id. **Sykes**, E. R. l.c. (90, with figs.); *P. fallax* n. sp. Gebo Island. **Fulton**, H. l.c. (53, with fig.); *P. lanceolata* n. var. **Sykes**, E. R. l.c. (91); *P. unicolor* Pfr. from Gebi Id. **Fulton**, H. l.c. (53).

Planispira (*Cristigibba*) nn. spp. Gebi Id., Obi. **Sykes**, E. R. l.c. (88, 89, with figs.); *P. endoptycha* Martens, n. var. **Sykes**, E. R. l.c. (88).

Ostracolethe fruhstorferi LIMO. **Simroth**, H. Zs. wiss. Zool., Leipzig, **76**, 1904, (612-672, mit 1 Taf.).

Solaropsis rugifera var. *juvamus* n. var. Brazil. **Ihering**, H. von. San Paulo, Rev. Mus., **6**, 1901, (156).

Sonorella nn. spp. **Bartsch**, P. Washington, D.C., Smithsonian Inst. Misc. Coll. Q., **47**, 1901, (190-197, with pl.); *S. walcottiana* not *walcottiana*. **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (101).

Strophocheilus (*Eurytus*) nn. spp. Colombia, Brazil. **Da Costa**, S. I. London, Proc. Malac. Soc., **6**, 1904, (5, with figs.).

Systrophia moellendorffi n. sp. **Rolle**, H. Frankfurt a. M., NachrBl. B. Malakozool. Ges., **36**, (1901, (35-39).

Theba aculeata Müll., *T. pulchella* Müll., Beschreibung. **Soós**, L. Állatt. Közlem., Budapest, **3**, 1904, (183-184).

Thersites, critical list of the *Sphaerospira* section, with forms figured and n. var. of *T. lessoni*. **Fulton**, H. J. Malac., London, **11**, 1904, (2-11, pl. I); *T. beddomae* is a variety of *bellendenkerensis*. **Fulton**, H. l.c. (1); *T. eoneors* n. sp. Queensland. **Fulton**, H. l.c. (8, with figs.).

Tropaeas n. subgen. (*Pyramidella*) type *P. subulata* A. Ads. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (5).

Xanthomelon bednalli n. sp. Central Australia. **Ponsonby**, J. H. London, Proc. Malac. Soc., **6**, 1904, (182, with fig.).

Xerophila (Held) v. Th., Beschreibung und Bestimmungstabelle der Arten; *X. adelpha* Soós, *X. obria* Hartm., *X. remota* Kim. *X. homoleuca* Sabljav and

Kučik, var. *littoralis* Soós, *X. ammonis* (A. Schm.) Strobel, *X. profuga* A. Schm., *X. liburnica* Stoss., *X. instabilis* Rossm., varr., *X. cereoflora* M. Bielz, *X. striata* Müll., varr., *X. trochoides* Poir., var. *conica* Drap., *X. zelebori* Pfr., var. *adurella* Servain, *X. carthusiana* Müll., *X. olivieri* Fér., Beschreibung. Soós, L. Állatt. Közlem. Budapest, **3**, 1904, (139-150); *X. homoleuca* Šabljav and Kučik, Beschreibung, var. *littoralis* n. var., *X. adelpha* n. sp. Ungarn. Soós, L. Budapest, Ann. Hist. Nat. Mus. Nat. Hung., **2**, 1904, (293-294).

Bulimulidae.

Amphidromus gossi n. sp. Borneo. Bartsch, P. Washington, D.C., Smithsonian Inst., Misc., Coll. Q., **47**, 1904, (292-293, with pl.); *A. palaceus*, subcarinate variety. Bullen, R. A. London, Proc. Malac. Soc., **6**, 1904, (109); *A. iecyersi* n. sp. Borneo. Dautzenberg, P. Bruxelles, Ann. soc. roy. malac., **38**, (1903), 1904, (Mém. 4-6).

Bulimulus nn. spp. Rolle, H. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (35-39).

Drymaeus multispira n. sp. Bolivia. Da Costa, S. I. London, Proc. Malac. Soc., **6**, 1904, (5).

Thaumastus sangoae, *T. bitaeniatas*, epiphragms. Smith, E. A. l.c. (3, 4, with fig.)

Pupidae.

Anoma, notes, with figs. of several forms and n. var. of *A. fuscolabris*. Sykes, E. R. l.c. (152-154, pl. IX).

Buliminus andersonianus var. *echigoensis* n. var. Japan. Pilsbry, H. A. and Hirase, Y. Nautilus, Philadelphia, Pa., **16**, 1903, (128-130).

Clausilia (Albinaria) holtzi n. sp. Kreta. Sturany, R. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (110); (*C. itala*, study of variation. Weldon, W. F. R. Biometrika, Cambridge, **3**, 1904, (299-307); *C. (Lamini-fera) fischeri* n. sp. Boettger, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (79-80).

Ena (Cerastus) lagariensis n. sp. British East Africa. Smith, E. A. London, Proc. Malac. Soc., **4**, 1904, (68, with fig.).

Jaminia muscorum, sinistral. Baldwin, J. W. J. Conch., Leeds, **11**, 1904, (11).

Lyropupa nn. spp. Hawaiian Is. Ancey, C. F. l.c. (122-124, with figs.); *L. mirabilis*, *L. magdalenae* nn. varr. Ancey, C. F. J. Malac., London, **11**, 1904, (68); *L. lyrata* Gould, note, *L. mirabilis* Ancey, *L. perlonga* Pease, figured. Ancey, C. F. London, Proc. Malac. Soc., **6**, 1904, (125, 126).

Nenia huancabambensis n. sp. Rolle, H. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (38).

Perrieria canefriana n. sp. Obi. Sykes, E. R. J. Malac., London, **11**, 1904, (91, with fig.).

Pupa similis var. *guidoni* n. var. Corse. Caziot, Paris, Mem. Soc. zool., **16**, 1902, (33-40).

Serrulina collasi n. sp. Sturany, R. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (103-107).

Vertigo nn. spp. Bermuda. Gulick, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (106-125, with pl.).

Stenogyridae.

Opcas, notes on, with n. var. of *O. prestoni*. Sykes, E. R. London, Proc. Malac. Soc., **6**, 1904, (112); *O. henschawii* n. sp. Hawaii. Sykes, E. R. l.c. (112); *O. heptagyrum* n. sp. Marschall-Inseln. Boettger, O. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (409-412).

Pseudoglessula nn. spp. German E. Africa. Smith, E. A. London, Proc. Malac. Soc., **6**, 1904, (68-69, with figs.).

Stenogyra retteri Rosen mss. Turkestan. Ko[belt, W.] Frankfurt a. M., NachrBl. D. malakozool. Ges. **36**, 1904, (86).

Subulina lagariensis n. sp. British E. Africa. Smith, E. A. London, Proc. Malac. Soc., **6**, 1904, (69, with fig.).

Achatinellidae.

GENERAL.

Gulick, J. T. Divergence under the same environment as seen in the Hawaiian snails. [*Achatinellidae*.] [Abstract.] Amer. Nat., Boston, Mass., **38**, 1904, (191-196).

SPECIAL.

Amastra luctuosa Pfr. n. var., with fig. of *A. henshawi* Ancey, **Ancey, C. F.** London, Proc. Malac. Soc., **6**, 1904, (121); *A. rex* n. sp. Hawaiian Is. **Sykes, E. R.** Ann. Mag. Nat. Hist., London, **14**, 1904, (159, with fig.).

Auriculella nn. spp. Molokai, Oahu. **Ancey, C. F.** London, Proc. Malac. Soc., **6**, 1904, (120, 121, with figs.).

Carelia turricula Mighels, **C. fuliginosa**, Pfr. nn. varr. **Ancey, C. F.** l.c. (121-122).

Succineidae.

Succinea nn. spp. Hawaiian Is. **Ancey, C. F.** London, Proc. Malac. Soc., **6**, 1904, (117-119, with figs.); *S. carta* nn. varr. **Ancey, C. F.** l.c. (117); *S. (Lucena) oblonga*† Drp., Ursprung. **Kormos, T.** Allatt. Közlem., Budapest, **3**, 1904, (184); *S. oblonga*, white var. **Wright, C. E.** J. Conch., Leeds, **11**, 1904, (96); *S. ovalis*, variation. **Walker, B.** Lausung, Rep. Mich. Acad. Sci., **6**, 1904, (187).

Vaginulidae.

Collinge, W. E. Notes on a new but unnamed genus of *Veronicellidae*. J. Malac., London, **11**, 1904, (14).

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Partulina physa n. var. **Ancey, C. F.** London, Proc. Malac. Soc., **6**, 1904, (121).

GASTROPODA NOT FURTHER
CLASSIFIED BY SLIPMAKER.

Bulimorpha? helderbergiae† n. sp. New Jersey. Devonian. **Weller, S.** New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (293-294, pl. XXXII, fig. 8).

Rhabdoconcha fritschii† n. sp. mittel-deutschen Trias. **Picard, E.** Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445-510).

Triptychia margaretae† n. sp. Miocäns, Schlesen. **Andreae, A.** Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

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GENERAL.

Blake, J. F. The Silurian Cephalopoda. London, Proc. Geol. Ass., **18**, 1904, (451-454).

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NAUTILOIDEA.

Amphoreopsis† n. gen. for *A. paucimerata* n. sp. Carboniferous. Isle of Man. **Crick, G. C.** London, Proc. Malac. Soc., **6**, 1904, (131).

Cyclolites bowningensis n. sp. **Etheridge, R.** Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (75-77, with 1 pl.).

Libuites (*Ophidioceras*?) *hereuleus carrollensis*† n. var. **Kindle**, E. M. and **Breger**, C. L. Indiana Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428–486, with pl.).

Nautilus (?) sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (130, with pl.); *N.*, popular notes. **Manger**, London, Proc. S. London, Soc., 1903, (1); *N. pavlovi*† n. sp. Saratov district. **Archangeliskij**, A. Mater. geol. Ross., St. Petersburg, **22**, 1904, (171–172, pl. XII); *N. romeroi*† n. sp. and description of several synonymical species. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (195–197).

Orthoceras Breyn, Anfangskammer der Gattung. **Hoernes**, R. Biol. Centralbl., Leipzig, **23**, 1903, (363–370); *O.*† nn. spp. **Kindle**, E. M. and **Breger**, C. L. Indiana Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428–486, with pl.).

Pleuromutilus pulcher† n. sp. from the carboniferous rocks. **Crick**, G. C. London Proc. Malac. Soc., **6**, 1904, (15–20, pl. II).

Ptychoceras (?) *closteroides*† n. sp. **Etheridge**, R. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (110, Plate XV, figs. 6–9).

Scaphites eureiformis† Eth. fil., notes and figures. **Etheridge**, R. *l.c.* (112, pl. XIV, fig. 10; pl. XV, fig. 10).

Trimeroceras gilberti† n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428–486, with pl.).

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GENERAL.

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Yokohama, Matajirō. Jurassic ammonites from Echizen and Nagato. Tokyo, J. Coll. Sci., **19**, Art. 20, 1904, (1–17, with 4 pls.).

SPECIAL.

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Ammonites plicatus and *A. biplex* of Sowerby, notes on the species. **Blake**, J. F. Geol. Mag., London, (Ser. 5), **1**, 1904, (162–166).

Baculites aspero-anceps† n. sp. Texas. **Lasswitz**, R. Geol. u. palaeont. Abh., Jena, (N.F.), **6**, H. 4, 1904, (49).

Barvoisiceras brancoi† n. sp. **Solger**, F. In: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (83–242).

Boechianites† nn. spp. Niederländisch-Indien. **Boehm**, G. Palaontographica, Stuttgart, 1904, Suppl. IV, Lfg. I, (46).

Braunsella† n. nom. for *Braunsina*†. Buckman, preocc. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (cii).

Canavarella† n. gen., type *C. belophora*† n. sp. Oolite, Brit. Isles. **Buckman**, S. S. *l.c.* (CXXIX).

Canavarina† n. nom. for *Canavaria*† **Buckman**. **Buckman**, S. S. *l.c.* (CXLI).

Ceralites† nn. spp. **Philippi**, E. Geol. u. palaeont. Abh., Jena, (N.F.), **4**, 1901, (315–458); *C. rombergi*† n. sp. **Philipp**, H. Berlin, Zs. d. geol. Ges., **56**, 1901, Aufsätze, (1–98); *C. rogersi*† n. sp. Nevada, Trias. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci. Geol., (Ser. 3), **1**, 1904, (114 + 323–430).

Clonites† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (54–56, with pl.).

Cocloceras (*Stephanoceras*) *wysogorskii*† n. sp. *C. crassum*† mut. *multicostata* n. mut., *C. modestum*† mut. *compressa* n. mut. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (88–93, Taf. XIX, XXXIV–XXXV).

Darellella† n. gen., type *D. recticostata*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (CVII).

Darellina† n. gen., type *D. planaris*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. *l.c.* (CVI).

Dawsonites† n. gen. for *Trachyceras canadense* Whiteaves. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (56–59, with pls.).

Deltatoceras†, correction for *Deltoceras*† **Buckman**, 1902. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (CXIX).

Desmoceras†. Hokkaido, Cretaceous. **Yabe**, H. Tokyo, J. Coll. Sci., **20**, Art. 20, 1904, (1–45, with 6 pls.); *D. keilhackii*† n. sp. Germany. **Wolleman**, A. Berlin, Jahrb. geol. Landesaust. **24**, 1903, 1904, (22–42).

Dumortieria evolutissima† n. sp., mut. *multicostata* n. mut. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (61, Taf. XXX, XXXVIII).

Episageceras† n. gen., *E. latidorsatum* n. sp. India. **Noetling**, F. N. Jahrb. Min., Stuttgart, Beilagebd, **19**, 1904, (331–376, mit 4 Taf.).

Erycites† nn. spp.; *E. reussi*† mut. *tenuis* n. mut. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (79–85, Taf., XVII, XXXI, XXXV, XXXVIII).

Eutomoceras dunni† n. sp. Nevada, Trias. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci. Geol., (Ser. 3), **1**, 1904, (1 l. + 323–430).

Flemingites russelli† n. sp. Hyatt and Smith ms. Idaho, Trias. **Smith**, J. P. *l.c.* (1 l. + 323–430).

Frechiella brunsvicensis† n. sp. Lias, Nordwestdeutschlands. **Hoyer**. Centralbl. Min., Stuttgart, **1904**, (385–389); *F. curvata*† n. sp. **Prinz**, G. N. Jahrb. Min., Stuttgart, **1904**, **1**, (30–38, mit 1 Taf.).

Grammoceras† v. *Harpoceras*.†

Hamites† nn. spp. **Wolleman**, A. Berlin, Abh. geol. Landesaust., (N.F.), **37**, 1902, (129).

Hammatoceras† nn. spp. **Prinz**, G. und **Hantken**. Földt. Evk., Budapest, **15**, 1904, (70–77, mit Taf., XV, XVIII, XIX, XXX, XXXIV, XXXVIII); *H. sieboldi*,† Opp. mut. *brancoi* n. mut., *H. subsigne* Opp. mut. *baconica* n. mut. **Prinz**, G. *l.c.* (70–72, mit Taf. XV, XXXVIII).

Harpoceras† nn. spp. **Burckhardt**, G. Palaeontographica, Stuttgart, **50**, 1903, (1–141, mit 16 Taf. u. 2. Kart.); *H. (Grammoceras) laevigatum*† n. sp. **Hantk. In: Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (97–98, Taf. XXIII, XXXIV–XXXV); *H. (Lioceras) amaltheiforme*† Vacek mut. *involuta* n. mut. **Prinz**, G. *l.c.* (109); *H. (L.) latifalcatum*† n. sp. **Denckm. and Steuer. In: Prinz**, G. *l.c.* (99–101, Taf. XXXII–XXXIII, XXXVII).

Hauericeras†. Hokkaido, Cretaceous. **Yabe**, H. Tokyo, J. Coll. Sci., **20**, Art. 20, 1904, (1–45, with 6 pls.).

Helicoceras†. Hokkaido, Cretaceous. **Yabe**, H. *l.c.* (1–45, with 6 pls.).

Heteroceras†. Hokkaido, Cretaceous. **Yabe**, H. *l.c.* (1–45, with 6 pls.).

Hildoceras† nn. spp., *H. tirolense* var. *pannonica*† n. var. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (110–114, mit Taf. XXXI–XXXIV, XXXVII); *H. nolosum*† n. sp. **Hantken. In: Prinz**, G. *l.c.* (116–117, Taf. V., VI, XVII, XXIV).

Himalayites† nn. spp. Niederländisch-Indien. **Boehm**, G. Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg. 1, (16).

Hoplites† nn. spp. Niederländisch-Indien. **Boehm**, G. *l.c.* (46).

Hoplitoides koeneni† n. sp. **Solger**, F. *In: Esch*, Beiträge. Geol. Kamerun, Stuttgart, **1904**, (83–242).

Hugia† n. gen., type *H. curva*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (cxi).

Leioceras† v. *Lioceras*.†

Lioceras v. *Harpoceras*.

Lopadoceras† n. gen., type *L. arcuatum*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (cxi).

Lytoeras franeisci mut. *compressa*† n. mut. **Hantken**. In: **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (50, Taf. XIII, XXXVII); *L. humile*† n. sp., *L. rasile* var. *humilisimilis*† n. var. **Prinz**, G. l.c. (51, 55, mit Taf. XXXI, XXXVII).

Margarites peninsularis n. sp. Alaska. **Dall**, W. H. Alaska (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.).

Medlicottia Waag. aus den pernischen und triadischen Schichten Indiens. **Noetting**, F. N. Jahrb. Min., Stuttgart, Beilagebd **19**, 1904, (334–376, mit 4 Taf.).

Nathorstites† n. gen., *N. globosus*, *N. lindstromi*, *N. mojsvari* nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (61–67, with pl.).

Neptychites† nn. spp. Cameroons. **Solger**, F. In: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (83–212).

Nipponites† n. gen. Hokkaido, Cretaceous. **Yabe**, H. Tokyo, J. Coll. Sci., **20**, Art. 20, 1904, (20–25).

Oedania† n. gen., type *O. falcigera*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (CVII).

Olcostephanoceras†. Hokkaido, Cretaceous. **Yabe**, H. Tokyo, J. Coll. Sci., **20**, Art. 20, 1904, (1–45, with 6 pls.).

Oppelia gracililobata† Vacek. mut. n. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (118, Taf. IV).

Pachydiscus laevicaniculatus† n. sp. Texas. **Lasswitz**, R. Geol. u. palaeont. Abh., Jena, (N.F.), **6**, H. 4, 1904, (1–40).

Paincia† n. gen., type *P. nitens*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (lxxvi).

Pericyclus fasciculatus McCoy sp., note. **Crick**, G. C. Geol. Mag., London, (Ser. 5), **1**, 1904, (27–33, with figs.).

Phylloceras nn. spp., *P. nilssoni* Heb. mut. *altisulcata*† n. mut., mut. *medijurassica*† n. mut. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (30–43, Taf. VII, XII, XXVI–XXX, XXXVI).

Placenticeras?† nn. spp. New Mexico, Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.).

Pseudotissotia philippii† n. sp. **Solger**, F. In: Esch, Beiträge, Geol. Kamerun, Stuttgart, **1904**, (83–242); *P. segnis*† n. sp. **Solger**, F. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (69–84, mit 1 Taf.).

Schloenbachia† nn. spp. Texas. **Lasswitz**, R. Geol. u. palaeont. Abh., Jena, (N.F.), **6**, H. 4, 1904, (1–40).

Sonneratia supan† n. sp. Texas. **Lasswitz**, R. l.c. (1–40).

Sphenodiscus lenticularis Owen und seine Beziehungen zur Gruppe der Tissotien. **Solger**, F. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (69–84, mit 1 Taf.).

Stantonoceras n. gen., *S. pseudocostatum*† n. sp. New Mexico, Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.).

Stephanoceras† v. *Cocloceras*.†

Stokeia† n. gen., type *S. marmorea*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (CXXVII).

Streblites nouhuysii† n. sp. Niederländisch-Indien. **Boehm**, G. Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg. I, (16).

Tissotia nn. spp. **Solger**, F. In: Esch, Beiträge Geol., Kamerun, Stuttgart, **1904**, (83–242).

Trachyceras† nn. spp. Nevada und California, Trias. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci. Geol., (Ser. 3), **1**, 1901, (1 l. + 323–130).

Tropites dilleri† n. sp. California, Trias. **Smith**, J. P. l.c. (1 l. + 323–430).

Turritiles† nn. spp. Texas. **Lasswitz**, R. Geol. u. palaeont. Abh., Jena, (N.F.), **6**, H. 4, 1904, (1–40); *T.*† Hokkaido, Cretaceous. **Yabe**, H. Tokyo, J. Coll. Sci., **20**, Art. 20, 1904, (1–45).

DIBRANCHIATA.

GENERAL.

Chun, [C.]. [Verschiedenes über Octopoden.] Verh. D. zool. Ges., Leipzig, **14**, 1904, (213-244).

Hoyle, W. E. A diagnostic key to the genera of recent Dibranchiate Cephalopoda. Manchester, Mem. Lit. Phil. Soc., **48**, No. 23, 1904, (20). [Reprint] Notes Manchester Mus., No. 18.

Joubin, L. Revision des Sepiolidae. Paris, Mém. soc. zool., **15**, 1902, (80-145, av. fig.).

SPECIAL.

Actinocamæ Miller, identity with *Atractes* Link. **Crick**, G. C. Geol. Mag., London, (Ser. 5), **1**, 1904, (107-110).

Cirrobrachium n. gen., *C. filiferum* n. sp. **Hoyle**, W. E. Cambridge, Mass. Bull. Mus. Comp. Zool. Harvard Coll., **43**, 1904, (28).

Eledone moschata, elektromotorisches Verhalten der Retina. **Piper**, H. Arch. Anat. Physiol., Leipzig, Physiol. Abt., **1904**, (453-474).

Frockenia n. gen., *F. clara* n. sp. **Hoyle**, W. E. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., **43**, 1904, (7).

Heteroteuthis weberi n. sp. **Joubin**, L. Paris, Mém. Soc. zool., **15**, 1902, (113).

Loligo diomedæ n. sp. **Hoyle**, W. E. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., **43**, 1904, (29); *L. media*, observations. **Joubin**, L. Rennes, Bul. soc. sci. méd., **11**, 1902, (108-112, av. fig.).

Mastigoteuthis dentata n. sp. **Hoyle**, W. E. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., **43**, 1901, (34).

Octopus vulgaris, note complémentaire sur la sécrétion hépato-pancréatique. **Henri**, V. Paris, C.-R. soc. biol., **55**, 1903, (1487-1488).

Polypodidae n. nom. (*Octopodidae* auctorum). **Hoyle**, W. E. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., **43**, 1904, (11. + 1-71 + 12 l.).

Polypus oculifer n. sp. **Hoyle**, W. E. l.c. (14).

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Pyroteuthis n. gen., type *Euproteuthis marginatifera* (Rüppell). **Hoyle**, W. E. l.c. (12).

Rhynchoteuthis chuni n. sp. **Hoyle**, W. E. l.c. (32).

Sepia burnupi n. sp. Natal. **Hoyle**, W. E. J. Conch., Leeds, **11**, 1901, (27, with fig.).

Stauroteuthis hippocrepium n. sp. **Hoyle**, W. E. Cambridge, Mass. Bull. Mus. Comp. Zool. Harvard Coll., **43**, 1901, (6).

Tremoctopus scalenus n. sp. **Hoyle**, W. E. l.c. (13).

UNCLASSIFIED BY SLIPMAKER.

Radiotella n. spp. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (145-227); *B. excellens* n. sp. **Philipp**, H. Berlin, Zs. D. geol. Ges., **56**, 1901, Aufsätze, (1-98, mit 6 Taf.).

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 ——— *dubia*. Bergh. 26.
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 ——— *transenna*. Suter. 377.
- EPIGRUS** [Rissoidea].
 ——— *protractus*. Hedley. 168.
- Episageceras**† n. gen. [Ammoncoidea].
 ——— Noetling. 285.
 ——— *latidorsatum*†. Noetling. 285.
- ERYCINA** [Submytilacea].
 ——— *calvertensis*†. Glenn. 143.
 ——— *marylandica*†. Glenn. 143.
 ——— *pruna*†. Glenn. 143.
 ——— *rickardia*†. Glenn. 143.
 ——— *speciosa*†. Glenn. 143.
- ERYCITES** [Ammonoidea].
 ——— *baconicus*†. Hantken. 311.
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 ——— *eximius*†. Hantken. 311.
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 ——— *perzelei*†. Prinz. 311.
 ——— *retrorsicostatus*†. Hantken. 311.
 ——— *schafarziki*†. Prinz. 311.
 ——— *szontaghi*†. Prinz. 311.
 ——— *telegdi-rothi*†. Prinz. 311.
- ETHALIA** [Trochidae].
 ——— *africana*. Smith. 354.
 ——— *jucunda*. Melvill. 264.
- EUCHELUS** [Trochidae].
 ——— *cancellatus*: *orientalis* n. subsp. Pilsbry. 303.
 ——— *hachijoensis*. Pilsbry. 303.
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- EUCONULUS** [Limacidae].
 ——— *turbinatus*. Gulick. 157.
- Eugyrina** n. nom. [Tritonidae]. Dall. 91.
- EULIMA** [Eulimidae].
 ——— *distincta*. Smith. 354.
 ——— *hypopsina*. Melvill. 266.
 ——— *paxillus*. Hedley. 169.
- EULIMELLA** [Pyramidellidae].
 ——— *gedrosica*. Melvill. 261.
 ——— *marylandica*†. Martin. 255.
 ——— *minor*. Smith. 354.
 ——— *nivea*. Smith. 354.
 ——— *renusta*. Melvill. 261.
- EULOTA** [Helicidae].
 ——— *globosa*. Jones and Preston. 201.
- EUMORPHOTIS** [Pelecypoda].
 ——— *artus*†. Böhm. 39.
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 ——— *variabilis*†. Böhm. 39.

- EUOMPHALOPTERUS** [Prosobranchiata].
 ——— *alatus* var. *americanus*† n. var. Kindle and Breger. 211.
 ——— ——— var. *limatoidea*† n. var. Kindle and Breger. 214.
- EUPLECTA** [Limacidae].
 ——— *pratti*. Gude. 151.
- EUTHIOFUSUS** [Fasciolaridae].
 ——— *burdigalensis*. Grabau. 148.
- EUTOMOCERAS** [Ammonoidea].
 ——— *dumit*†. Smith. 357.
- Evalina** n. subgen. [Pyramidellidae].
 ——— Dall and Bartsch. 97.
- EXOGYRA** [Pseudolamellibranchiata].
 ——— *callophylla*†. Ihering. 193.
- Falsifusus** n. gen. [Fasciolaridae].
 ——— Grabau. 148.
- FEDAIELLA** [Neritopsidae].
 ——— *magna*. Picard. 301.
- FENELLA** [Rissoidae].
 ——— *xanthaeme*. Melvill. 261.
- FICULA** [Doliidae].
 ——— *sobria*†. Oppenheim. 239.
- FISSURIDEA** [Fissurellidae].
 ——— *infrequens*†. Aldrich. 1.
- FLEMINGITES** [Ammonoidea].
 ——— *russelli*†. Hyatt and Smith. 357.
- Folinella** n. subgen. [Pyramidellidae].
 ——— Dall and Bartsch. 97.
- FOSSARUS** [Fossaridae].
 ——— *quinquecarinalis*. Melvill. 261.
 ——— *thelaeme*. Melvill. 261.
- FRECHIELLA** [Ammonoidea].
 ——— *brunsvicensis*†. Stolley. 184.
 ——— *currata*†. Prinz. 312.
- Fritschia**† n. gen. [Prosobranchiata].
 ——— Picard. 301.
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- Froekenia** n. gen. [Dibranchiata]. Hoyle.
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 ——— *clara*. Hoyle. 185.
- FRUTICICOLA** [Helicidae].
 ——— *daieia*. Soós. 361.
 ——— *erjaveei* var. *cincta* n. var. Soós. 361.
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 ——— Grabau. 148.
- FUSUS** [Fasciolaridae].
 ——— *brasiliensis*. Grabau. 148.
 ——— *castelarguataensis*†. Grabau. 148.
 ——— *cingulatus*. Smith. 354.
 ——— *dupetit-thouarsii* var. *aplicatus* n. var. Grabau. 148.
 ——— ——— var. *irregularis* n. var. Grabau. 148.
 ——— ——— var. *nodosus* n. var. Grabau. 148.
 ——— *gabbii*†. Grabau. 148.
 ——— *longicaudus* var. *toreumoides* n. var. Grabau. 148.
 ——— *nodosoplicatus* var. *lischkii* n. var. Grabau. 148.
 ——— *perplexus* var. *nagasaki* n. var. Grabau. 148.
 ——— (?) *schrammeni*†. Wolleman. 421.
 ——— *subobtus*. Pilsbry. 303.
 ——— *supramoerchi*†. Archangeliskij. 10.
- GERVILLEIA** [Pseudolamellibranchiata].
 ——— *bennetti*†. Böhm. 39.
 ——— *latealata*†. Broili. 47.
 ——— *loevenighi*†. Böhm. 39.
 ——— *nordenskiöldii*†. Böhm. 39.
 ——— *paronai*†. Broili. 47.
 ——— *planata*. Broili. 47.
 ——— *rothpletzi*. Broili. 47.
 ——— *spinosa*†. Linstow. 240.
- GLANDINA** [Testacellidae].
 ——— *bogotensis*. Da Costa. 89.
- GLYPHOSTOMA** [Conidae].
 ——— *siren*. Smith. 351.
- GONIOBASIS** [Pleuroceridae].
 ——— *marylandica*†. Martin. 255.
- GONODON** [Submytilacea].
 ——— *modestus*†. Böhm. 39.
- GRYPHAEA** [Pseudolamellibranchiata].
 ——— *keilhau*†. Böhm. 39.
 ——— *pharaonum*†. Oppenheim. 283.
 ——— *rocana*. Ihering. 193.
 ——— *skuld*†. Böhm. 39.
- Haldra** n. subgen. [Pyramidellidae].
 ——— Dall and Bartsch. 97.
- HAMITES** [Ammonoidea].
 ——— *gottschei*†. Wolleman. 421.
 ——— *vernickei*†. Wolleman. 420.

- HAMMATOCERAS** [Ammonoidea].
 ————— *halarátsi*†. Prinz and Hantken. 311.
 ————— *kochi*†. Prinz. 311.
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 ————— *spinosum*†. Hantken et Prinz. 311.
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- HARPOCERAS** [Ammonoidea].
 ————— *laevigatum*†. Hantken. 311.
 ————— *latifalcatum*†. Denckmann and Steuer. 311.
 ————— *malarquense*†. Burckhardt. 53.
 ————— *puchense*. Burckhardt. 53.
- Heida** n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.
- Heilprinia** n. gen. [Fasciolaridae]. Grabau. 148.
- HELICINA** [Helicinidae].
 ————— *baldwini*. Ancey. 3.
 ————— *dissotropis*. Ancey. 3.
 ————— *japonica* var. *echigoensis* n. var. Pilsbry. 305.
 ————— *sadoensis*. Pilsbry and Hirase. 306.
 ————— *subsuturalis*. Boettger. 36.
 ————— *sulenulosa*. Ancey. 3.
- HELI** [Helicidae].
 ————— *fourtaui*. Pallary. 292.
 ————— *mantinica* var. *moitaensis* n. var. Caziot. 61.
 ————— *mauryi*. Caziot. 61.
 ————— *paoliana*. Caziot. 61.
- HETEROTEUTHIS** [Dibranchiata].
 ————— *weberi*. Joubin. 205.
- HEXABRANCHIUS** [Nudibranchiata].
 ————— *plicatus*. Hägy. 159.
- HILDOCERAS** [Ammonoidea].
 ————— *nodosum*†. Hantken. 311.
 ————— *téryi*. Prinz. 311.
 ————— *tirolense* var. *pannonica*† n. var. Prinz. 311.
 ————— *volzi*†. Prinz. 311.
- HIMALAYITES** [Ammonoidea].
 ————— *nederburgii*†. Boehm. 33.
 ————— *treubi*†. Boehm. 33.
- HOCHSTETTERIA** [Filibranchiata].
 ————— *limoides*. Smith. 351.
 ————— *velaini*. Smith. 351.
- HOFERIA** [Filibranchiata].
 ————— *compressa*†. Broili. 47.
- HOMIODORIS** [Nudibranchiata].
 ————— *novae zealandiae* Bergh. 26.
- HOMOMYA** [Anatinacea].
 ————— *forsbergi*†. Böhm. 39.
- Honeoyea** † n. gen. [Pseudolamelli-branchiata]. Clarke. 64.
 ————— *desmata*†. Clarke. 64.
 ————— *erinacea*†. Clarke. 64.
 ————— *major*†. Clarke. 64.
 ————— *simpler*†. Clarke. 64.
 ————— *styliophila*†. Clarke. 64.
- HOPLITES** [Ammonoidea].
 ————— *asseni*†. Boehm. 33.
 ————— *rooseboomi*†. Boehm. 33.
- HOPLITOIDES** [Ammonoidea].
 ————— *kocneni*†. Solger. 360.
- Hugia** † n. gen. [Ammonoidea]. Buckman. 51.
 ————— *curra*†. Buckman. 51.
- HYALINIA** [Limacidae].
 ————— *adjaciensis*. Caziot. 61.
 ————— *libysonis* n. var. Caziot. 61.
- HYGROMIA** [Helicidae].
 ————— *neudorfensis*†. Andreae. 5.
- HYOLITHES** [Pteropoda].
 ————— *insitanicus*†. Delgado. 101.
- HYRIOPSIS** [Submytilacea].
 ————— *goliath*. Rolle. 324.
- Incisura** n. gen. [Fissurellidae]. Hedley. 169.
- INOCERAMUS** [Pseudolamelli-branchiata].
 ————— *frechi*†. Flegel. 121.
 ————— *glatziae*†. Flegel. 121.
 ————— *irregularis*†. Johnson. 203.
- Inoceramya** † n. gen. [Pseudolamelli-branchiata]. Ulrich. 395.
 ————— *concentrica*. Ulrich. 395.
- Iphiana** n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.
- ISOCARDIA** [Submytilacea].
 ————— *heintzeli*†. Wolleman. 420.
 ————— *ignolea*†. Glenn. 143.
 ————— *mazlea*†. Glenn. 143.
 ————— *vorax*†. Oppenheim. 288.
- Ividia** n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.
- JULLIENIA** [Hydrobiidae].
 ————— *carinata*. Fulton. 131.
- KALIELLA** [Limacidae].
 ————— *lubricella*. Ancey. 3.
 ————— *thaurumi*. Ancey. 3.
- KELLIA** [Submytilacea].
 ————— *porculus*. Pilsbry. 301.
 ————— *rotundula*†. Glenn. 143.

- KOCHIA** [Pseudolamellibranchiata].
 — *unipala* †. Clarke. 61.
- LACUNA** [Littorinidae].
 — *globosa*. Smith. 317.
- LAGOCHILUS** [Cyclophoridae].
 — *obliquistriatus*. Bullen. 52.
- Lancella** n. subgen. [Pyramidellidae].
 Dall and Bartsch. 97.
- LANISTES** [Ampullaridae].
 — *innesi*. Pallary. 293.
- LAOMA** [Endodontidae].
 — *claiodes*. Webster. 105.
 — *francesci*. Webster. 405.
- LATIRUS** [Fasciolaridae].
 — *elaboratus* †. Aldrich. 1.
 — *incompletus* †. Oppenheim. 289.
- LEDA** [Protobranchiata].
 — *levini* †. Wolleman. 121.
 — *medusae* †. Borisjak. 11.
 — *prendeli* †. Andrusov. 6.
 — *substriatula* †. Oppenheim. 289.
 — *volgensis* †. Archangel'skij. 10.
- LEIOSTRACA** [Eulimidae].
 — *murdochi*. Hedley. 169.
- LEPTODOMUS** [Anatinacea].
 — *interplicatus* †. Clarke. 64.
 — *multiplex* †. Clarke. 61.
- LEPTON** [Submytilacea].
 — *fortidentatus*. Smith. 351.
- LEPTOPOMA** [Cyclophoridae].
 — *gebicensis*. Fulton. 132.
 — *ponsonbyi*. Sykes. 303.
- LEUCOCHROA** [Helicidae].
 — *arabica*. Pallary. 292.
- LIMA** [Pseudolamellibranchiata].
 — *biarata* †. Böhm. 39.
 — *coelestini* †. Oppenheim. 288.
 — *mokattamensis* †. Oppenheim. 288.
 — *perfecta*. Smith. 351.
 — *ramses* †. Oppenheim. 288.
 — *rijpi* †. Böhm. 39.
 — *schmeisseri* †. Wolleman. 420.
 — *schweinfurthi*. Oppenheim. 288.
 — *sidneyensis* n. nom. Hedley. 168.
 — *striatoides* †. Böhm. 39.
 — *suenanderi* †. Böhm. 39.
 — *zitteli* †. Broili. 47.

- LIMAX** [Limacidae].
 — *excavatus* †. Andreae. 5.
- Limifossor**, n. gen. [Amphineura].
 Heath. 165.
 — *talpoides*. Heath. 165.
- Limipecten** † n. gen. [Pseudolamellibranchiata]. Girty. 110.
 — *texanus* †. Girty. 110.
 — var. *grandicostatus* † n. var. Girty. 110.
- LIMNAEA** [Limnæidae].
 — *mars*. Jones and Preston. 201.
 — *pettitti*. Jones and Preston. 201.
 — *shantungensis*. Jones and Preston. 201.
 — *sickenbergieri*. Pallary. 292.
 — *schartoni*. Jones and Preston. 201.
- LIMOPSIS** [Filibranchiata].
 — *pumilio*. Smith. 351.
 — *thebaica* †. Oppenheim. 288.
- LINGUELLA** [Nudibranchiata].
 — *variolosa*. Bergh. 26.
- LIOTIA** [Liotiidae].
 — *polypheura*. Hedley. 169.
- LITHODOMUS** [Filibranchiata].
 — *frassii* †. Oppenheim. 288.
 — *inustus* †. Oppenheim. 288.
 — *mokattamensis* †. Oppenheim. 288.
- LITHOPIAGA** [Filibranchiata].
 — *ionensis* †. Glenn. 113.
- LITTORINA** [Littorinidae].
 — *lubrica* †. Wolleman. 421.
- LITUITES** [Nautiloidea].
 — *herculeus* var. *carrollensis* † n. var. Kindle and Breger. 211.
- LOLIGO** [Dibranchiata].
 — *diomedæae*. Hoyle. 185.
- Lopadoceras** n. gen. [Ammonoidea].
 Buckman. 51.
 — *arcuatum* †. Buckman. 51.
- LOTORIUM** [Tritonidae].
 — *concinatum*. Melvill. 261.
- LOXONEMA** [Pseudomelaniidae].
 — *columnare* †. Picard. 301.
 — *danaï* †. Clarke. 61.
 — *elongatum* †. Picard. 301.
 — *falcatum* †. Picard. 301.
 — *kokeni* †. Picard. 301.
 — *jerseyensis* †. Weller. 412.

- LOXONEMA** [Pseudomelaniidae].
 ——— *multiplicatum*†. Clarke.
 64.
 ——— *rectecostatum*. Picard. 301.

- LOXOPTERIA** [Pseudolamellibranchiata].
 ——— *corrugata*†. Clarke. 64.
 ——— *intumescens*†. Clarke. 64.
 ——— *vasta*†. Clarke. 64.

- LUCINA** [Submytilacea].
 ——— *blanckenhornii*†. Oppenheim. 288.
 ——— *calliste*†. Oppenheim. 288.
 ——— *camerunensis*†. Oppenheim. 289.
 ——— *corpusculum*†. Oppenheim. 288.
 ——— *daedalca*†. Oppenheim. 288.
 ——— *despecta*. Smith. 354.
 ——— *dilatata*†. Archangeliskij. 10.
 ——— *edita*†. Oppenheim. 288.
 ——— *fajumensis*†. Oppenheim. 288.
 ——— *fourtaui*†. Oppenheim. 288.
 ——— *immanis*†. Oppenheim. 288.
 ——— *mokattamensis*†. Oppenheim. 288.
 ——— *netschaewi*†. Archangeliskij. 10.
 ——— *nokbaensis*†. Oppenheim. 288.
 ——— *polythele*†. Oppenheim. 288.
 ——— *proava*†. Archangeliskij. 10.
 ——— *qurnaensis*†. Oppenheim. 288.
 ——— *rai*†. Oppenheim. 288.
 ——— *rara*†. Archangeliskij. 10.
 ——— *sesostridis*†. Oppenheim. 288.
 ——— *sub-caillati*†. Oppenheim. 288.
 ——— *subincerta*†. Archangeliskij. 10.
 ——— *valida*. Smith. 354.

- LUNULICARDIUM** [Pseudolamellibranchiata].
 ——— *abscquent*†. Clarke. 64.
 ——— *accolat*†. Clarke. 64.
 ——— *beushauseni*†. Clarke. 64.
 ——— *clymeniae*†. Clarke. 64.
 ——— *encrinurum*†. Clarke. 64.
 ——— *enode*†. Clarke. 64.

- LUNULICARDIUM** [Pseudolamellibranchiata].
 ——— *eriense*†. Clarke. 64.
 ——— *finitimum*†. Clarke. 64.
 ——— *furecatum*†. Clarke. 64.
 ——— *hemicardioides*†. Clarke. 64.
 ——— *libum*†. Clarke. 64.
 ——— *parunculus*†. Clarke. 64.
 ——— *pilosum*†. Clarke. 64.
 ——— *sodale*†. Clarke. 64.
 ——— *suppar*†. Clarke. 64.
 ——— ? *transversale*†. Clarke. 64.
 ——— *velatum*†. Clarke. 64.
 ——— *wiscoyense*†. Clarke. 64.

- LYROPUPA** [Pupidae].
 ——— *carbonaria*. Ancey. 3.
 ——— *clathrabula*. Ancey. 3.
 ——— *microthauma*. Ancey. 3.

- Lysacme** n. subgen. [Pyramidellidae].
 Dall and Bartsch. 97.

- LYTOCERAS** [Ammonoidea].
 ——— *humile*. Prinz. 311.
 ——— *rasile*, var. *humilisimilis*†
 n. var. Prinz. 311.

- MACOMA** [Tellinacea].
 ——— *marylandica*†. Glenn. 143.

- MACROCALLISTA** [Veneracea].
 ——— *gilberti*†. Dall. 92.

- MACROCHILINA** [Pyramidellidae].
 ——— *pygmalia*†. Clarke. 64.
 ——— *seneca*†. Clarke. 64.

- MACROCHILAMYS** [Limacidae].
 ——— *perfragilis* var. *shikokuensis*
 n. var. Pilsbry and
 Hirase. 306.

- MACRODON** [Filibranchiata].
 ——— *buchi*†. Böhm. 39.
 ——— *dunér*†. Böhm. 39.
 ——— *klipsteini*†. Broili. 47.
 ——— *laubei*†. Broili. 47.

- MACTRA** [Tellinacea].
 ——— *carneopicta*. Pilsbry. 304.
 ——— *delicatula*. Preston. 310.
 ——— *fragilis*†. Laskarev. 230.
 ——— (?) *rhomboides*†. Oppenheim. 289.
 ——— *taprobanensis*. Preston. 310.

- Maculotriton** n. sect. [Tritonidae]. Dall.
 91.

- MAGILUS** [Muricidae].
 ——— *grandis*†. Tornquist. 392.

MANGILIA [Conidae].

- *adamantina*. Melvill. 261.
 — *aglaia*. Melvill. 261.
 — *alfredi*. Smith. 351.
 — *apollinea*. Melvill. 261.
 — *barbiton*. Melvill. 261.
 — *bathmis*. Melvill. 261.
 — *callistephana*. Melvill. 261.
 — *cinnamomea* : *peraffinis*,
 n. subsp. Pilsbry. 303.
 — *cornelliana*†. Martin. 255.
 — *euphora*. Melvill. 261.
 — *hirasei*. Pilsbry. 303.
 — *kamakurana*. Pilsbry. 303.
 — *koweitensis*. Melvill. 261.
 — *obtusata*†. Martin. 255.
 — *parvoidea*†. Martin. 255.
 — *patuxentia*†. Martin. 255.
 — *posidonia*. Melvill. 266.
 — *pura*. Pilsbry. 303.
 — *pycnochila*. Melvill. 261.
 — *semicarinata*. Pilsbry. 303.

MARGARITES [Anmonoidea].

- *peninsularis*. Dall. 92.

MARGINELLA [Marginellidae].

- *calvertensis*. Martin. 255.
 — *diffrens*. Smith. 351.
 — *dulcis*. Smith. 351.
 — *munda*. Smith. 351.
 — *pseustes*. Smith. 351.
 — *pura*. Smith. 351.
 — *robusta*. Sowerby. 365.

MARIONIA [Nudibranchiata].

- *albotuberculata*. Eliot. 113.
 — *levis*. Eliot. 113.
 — *pellucida*. Eliot. 113.
 — *ramosa*. Eliot. 113.
 — *viridescens*. Eliot. 113.

MARMOLATELLA [Neritopsidae].

- *plana*†. Picard. 301.

MASTIGOTEUTHIS [Dibranchiata].

- *dentata*. Hoyle. 185.

MEGALODON [Submytilacea].

- *poolei*†. Böhm. 39.
 — *rotundatus*†. Böhm. 39.

MEGAMBONIA [Filibranchiata].

- *parca*†. Weller. 412.

MELANIA [Melaniidae].

- *aeruginosa*. Fulton. 131.
 — *cinquifera*. Sykes. 379.
 — *dulcis*. Fulton. 131.
 — *fortitudenis*. Fulton. 131.
 — *lauta*. Fulton. 131.
 — *morti*. Sykes. 379.
 — *schneeii*. Boettger. 35, 330.
 — *vara*. Bullen. 52.

MELIBE [Nudibranchiata].

- *pellucida*. Bergh. 26.

MESODESMA [Tellinacea].

- *alaskensis*. Dall. 92.
 — *mariana*†. Glenn. 113.

MICROCYSTINA [Limacidae].

- *higashiyamana*. Pilsbry and
 Hirase. 306.

MICROCYSTIS [Limacidae].

- *rufobrunnea*. Ancey. 3.

MILDA n. subgen. [Pyramidellidae]. Dall.
and Bartsch. 97.**MITRA** [Mitridae].

- *hirasei*. Pilsbry. 303.
 — *mariana*†. Martin. 255.
 — *townsendi*. Melvill. 261.

MODIOLA [Filibranchiata].

- *sambasensis*. Dautzenberg.
 98.
 — *tenerrima*. Smith. 351.

MODIOLARIA [Filibranchiata].

- *curta*†. Glenn. 113.
 — *frusci*†. Oppenheim. 288.

MODIOLOPSIS [Submytilacea].

- *bocagei*†. Delgado. 101.
 — *depressa*†. Weller. 412.
 — *jerseyensis*†. Weller. 412.
 — *zitteli*†. Delgado. 101.

MODIOLUS [Filibranchiata].

- *alaskanus*. Dall. 92.
 — *dalli*†. Glenn. 113.
 — *harrimani*. Dall. 92.
 — *ionensis*†. Glenn. 113.

Monostiolum n. sect. [Tritonidae]. Dall.
91.**MUCRONALIA** [Fulimidae].

- *birtoi*. Preston. 310.
 — *oxylenes*. Melvill. 264.

MUMIOLA [Pyramidellidae].

- *carbacea*. Melvill. 266.

MUREX [Muricidae].

- *camerunensis*†. Oppenheim.
 289.
 — *exquisitus*. Sowerby. 365.
 — *multispinosus*. Sowerby.
 364.
 — *sykesi*. Preston. 310.

MYOCONCHA [Submytilacea].

- *auriculata*†. Broili. 17.
 — *curvata*†. Broili. 47.
 — *recta*†. Broili. 47.
 — *retroflexa*†. Broili. 47.

MYOPHORIA [Filibranchiata].

- *aenticostata*†. Broili. 47.
 — *urdt*†. Böhm. 39.

MYRINA [Filibranchiata].

- *indica*. Smith. 347.

MYSIDIOPTERA [Filibranchiata].

- *acuta*†. Broili. 47.
 — *angusticostata*†. Broili. 47.
 — *ariculaeformis*†. Broili. 47.
 — *bittneri*†. Broili. 47.
 — *bucki*†. Böhm. 39.
 — *compressa*†. Broili. 47.
 — *crassicostata*†. Broili. 47.
 — *clongata*†. Broili. 47.
 — *globosa*†. Broili. 47.
 — *gracilis*†. Broili. 47.
 — *interrupta*†. Broili. 47.
 — *latifissa*†. Broili. 47.
 — *marginala*†. Broili. 47.
 — *multistriata*†. Broili. 47.
 — *obliqua*†. Broili. 47.
 — *planata*†. Broili. 47.
 — *readi*†. Broili. 47.
 — *rotunda*†. Broili. 47.
 — *striata*†. Broili. 47.

MYTILARCA [Pseudolamellibranchiata].

- *obliqua*†. Weller. 412.

MYTILUS [Filibranchiata].

- *antoni*†. Oppenheim. 288.
 — *cleopatrae*†. Oppenheim. 288.
 — *diepenheimi*†. Boehm. 33.
 — *thebaicus*†. Oppenheim. 288.

NASSA [Nassidae].

- *calvertensis*†. Martin. 255.
 — *gangetica*. Preston. 310.
 — *greensboroënsis*†. Martin. 355.
 — *gubernatoria*†. Martin. 355.
 — *marylandica*†. Martin. 355.
 — *peraltoides*†. Martin. 355.
 — *pocillosticta*. Smith. 354.
 — *semiplicata* : *hiradoensis* n. subsp. Pilsbry. 303.
 — *hizenensis* n. subsp. Pilsbry. 303.
 — *siba*. Preston. 310.

Nathorstites† n. gen. [Ammonoidea].

- Böhm. 39.
 — *globosus*†. Böhm. 39.
 — *lindströmi*†. Böhm. 39.
 — *mojsvarii*†. Böhm. 39.

NATICA [Naticidae].

- *decipiens*. Smith. 354.
 — *gracilis*†. Archangeliskij. 10.

NATICA [Naticidae].

- *napus*. Smith. 354.
 — *osculum*†. Oppenheim. 289.
 — *servorum*†. Oppenheim. 289.

NATICELLA [Neritopsidae].

- *bergeri*†. Picard. 301.
 — *tenuecostata*†. Picard. 301.

NAUTILUS [Nautiloidea].

- *pavlovi*†. Archangeliskij. 10.
 — *romeroi*. Ihering. 193.

NEMBROTHA [Nudibranchiata].

- *affinis*. Eliot. 113.
 — *coerulea*. Eliot. 113.

NENIA [Pupidae].

- *huancabembensis*. Rolle. 325.

NEOCYCLOTUS [Cyclophoridae].

- *panamensis*. Da Costa. 89.

NEOPTYCHITES [Ammonoidea].

- *crassus*†. Solger. 360.
 — *telingaeformis*†. Solger. 360.

NERITARIA [Neritidae].

- *depressa*†. Picard. 301.
 — *magna*†. Picard. 301.
 — *prior*†. Picard. 301.
 — *sphaeroidica*†. Picard. 301.

NERITINA [Neritidae].

- *oxytropida*†. Andrusov. 6.

Nipponites† n. gen. [Ammonoidea].

- Yabe. 427.

NOTARCHUS [Tectibranchiata].

- *brevipes*. Hägg. 159.

Nothamusium† n. gen. [Pseudolamelli-

- branchiata]. Hind. 180.
 — *radiatum*†. Hind. 180.
 — *transversum*†. Hind. 180.

NOTODORIS [Nudibranchiata].

- *minor*. Eliot. 113.

NUCULA [Protobranchiata].

- *circuliformis*. Borisjak. 44.
 — *hedleyi* n. nom. Pritchard and Galtiff. 313.
 — *irregularis*. Sowerby. 366.
 — *kokeni*†. Archangeliskij. 10.
 — *koralewskensis*†. Borisjak. 41.
 — *krischfawitschii*†. Archangeliskij. 10.
 — *lola*†. Borisjak. 44.
 — *maga*†. Borisjak. 44.
 — *moeridisi*†. Oppenheim. 288.
 — *nina*†. Borisjak. 44.
 — *perkéo*†. Oppenheim. 289.

- NUCULA** [Protobranchiata].
 — *sana* †. Borisjak. 11.
 — *sculpturata*. Sowerby. 366.
 — *sejugata*. Etheridge. 117.
 — *symetrica* †. Borisjak. 11.
 — *taliabutica* †. Böhm. 33.
 — *triangula* †. Archangel'skij. 10.
 — *triangularis* †. Böhm. 39.
- NUCULANA** [Protobranchiata].
 — *compta*. Sowerby. 366.
 — *gemmulata*. Sowerby. 366.
 — *lamellata*. Sowerby. 366.
- OBBA** [Helicidae].
 — *subgranulata*. Sykes. 383.
- OCINEBRA** [Muricidae].
 — *monoptera*. Pilsbry. 303.
- ODOSTOMIA** [Pyramidellidae].
 — *americana*. Dall and Bartsch. 97.
 — *callipyrga* n. nom. Dall and Bartsch. 97.
 — *calvertensis* †. Martin. 255.
 — *dorica*. Melvill. 266.
 — *mariana* †. Martin. 255.
 — *marylandica* †. Martin. 255.
 — *pilsbryi*. Dall and Bartsch. 97.
- Oedania** † n. gen. [Ammonoidea]. Buckman. 51.
 — *falcigera* †. Buckman. 51.
- OLIVA** [Olividae].
 — *harrisi*. Martin. 255.
- OLIVELLA** [Olividae].
 — *zintgrafi* †. Oppenheim. 289.
- OMPHALUS** [Turritellidae].
 — *collingei*. Melvill. 266.
- ONCHIDIELLA** [Onchidiidae].
 — *flavescens*. von Wissel. 417.
- Ontaria** † n. gen. [Submytilacea]. Clarke. 61.
 — *accincta* †. Clarke. 61.
 — *affiliata* †. Clarke. 64.
 — *hulli* †. Clarke. 61.
 — *pontiaca* †. Clarke. 64.
- OPEAS** [Stenogyridae].
 — *henshawii*. Sykes. 381.
 — *heptagyrum*. Boettger. 36.
- OPISTHSTOMA** [Cyclophoridae].
 — *beddomei*. Smith. 352.
- Orinella** n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.
- ORIOSTOMA** [Turbinidae].
 — *huntingtonensis* †. Kindle and Breger. 211.
 — — var. *alternatum* † n. var. Kindle and Breger. 211.
 — *plana* †. Kindle and Breger. 211.
- ORXITHOCHITON** [Amphineuri].
 — *marmoratus*. von Wissel. 417.
- ORTHOCERAS** [Nautiloidea].
 — *delphiensis* †. Kindle and Breger. 211.
 — *kentlandensis* †. Kindle and Breger. 211.
- OSCHILLA** [Rissoidae].
 — *faceta*. Melvill. 266.
 — *jocosa*. Melvill. 266.
- OSTREA** [Pseudolamellibranchiata].
 — *anomioides* var. *nanus* † n. var. Johnson. 203.
 — *calceiformis*. Broili. 47.
 — *choffati* †. Oppenheim. 289.
 — *circumpicta*. Pilsbry. 301.
 — *drepanon* †. Wolleman. 120.
 — *helios* †. Wolleman. 420.
 — *mendax* †. Oppenheim. 288.
 — *praeocchlear* †. Oppenheim. 288.
 — *recta* †. Oppenheim. 288.
 — *riocgreensis*. Ihering. 193.
 — *rocana*. Ihering. 193.
 — *whitehousei* †. May.-Eym. 288.
- OVELA** [Cypracidae].
 — *symmetrica* †. Aldrich. 1.
- PACHYCARDIA** [Submytilacea].
 — *pluvingeri* †. Broili. 17.
- PACHYDISCUS** [Ammonoidea].
 — *laevicaniculatus* †. Lasswitz. 231.
- Painea** † n. gen. [Ammonoidea]. Buckman. 51.
 — *nitens* †. Buckman. 51.
- PALAEONEILO** [Protobranchiata].
 — *amigdalata* †. Borisjak. 11.
 — *bittneri* †. Borisjak. 44.
 — *breviculata* †. Clarke. 61.
 — *choroschouensis* †. Borisjak. 44.
 — *linguata* †. Clarke. 64.
 — *lunarist*. Böhm. 39.
 — *muricata* †. Clarke. 61.
 — *petita* †. Clarke. 64.
 — *tobieseni* †. Böhm. 39.
 — *volgensis* †. Borisjak. 44.

PAPUINA [Helicidae].

- *ecolorata*. Sykes. 383.
 ————— *fallax*. Fulton. 132.
 ————— *lanceolata* n. var. Sykes.
 383.
 ————— *semibrunnea*. Sykes. 383.

PAPYRIDEA [Cardiacea].

- *harrimanii*†. Dall. 92.

PARACARDIUM [Anatinacea].

- *delicatum*†. Clarke. 64.

PARACLIONE [Pteropoda].

- *pelsenecri*. Tesch. 386.

Paralagena n. nom. [Tritonidae]. Dall. 91.

- Paraptyx**† n. gen. [Pseudolamelli-
branchiata]. Clarke. 64.
 ————— *ontario*†. Clarke. 64.

PARVITEREBRA [Terebridae].

- *paucivolvris*. Pilsbry. 303.

PECTEN [Pseudolamellibranchiata].

- *alcocki*. Smith. 317.
 ————— *broilii*†. Philipp. 299.
 ————— *caillaudi*†. Oppenheim. 288.
 ————— *cairensis*†. Oppenheim. 288.
 ————— *damesi*†. Böhm. 39.
 ————— *domyeri*†. Michajlovskij.
 273.
 ————— *farreii*. Jones & Preston.
 201.
 ————— *fassaensis*†. Philipp. 299.
 ————— *frigidus* n. nom. Jensen.
 201.
 ————— *hilberii*†. Michajlovskij. 273.
 ————— *predazzensis*†. Philipp. 299.
 ————— *schiophilus*†. Oppenheim.
 288a.
 ————— *subminutus*†. Aldrich. 1.
 ————— *vezzanensis*†. Oppenheim.
 288a.

PECTUNCULUS [Filibranchiata].

- *aegyptiacus*†. Oppenheim.
 288.
 ————— *pyramidarum*†. Oppenheim.
 288.
 ————— *triangulus*†. Archangeliskij.
 10.

PERACLIS [Pteropoda].

- *moluccensis*. Tesch. 386.
 ————— *rissoides*. Tesch. 386.

Perenodoris n. gen. [Nudibranchiata].

- Bergh. 26.
 ————— *cancellata*. Bergh. 26.

PERRIERIA [Pupidae].

- *canefriana*. Sykes. 383.

PHAENODESMIA [Protobranchiata].

- *dorogomilowensis*†. Bori-
 siak. 44.
 ————— *nikitini*†. Borisjak. 44.

PHILINE [Tectibranchiata].

- *sykesii*. Melvill. 261.

PHILIPPIELLA [Pseudolamellibranchiata].

- *rubra*. Hedley. 168.

PHILOBRYA [Pseudolamellibranchiata].

- *inornata*. Hedley. 168.

PHOLADOMYA [Anatinacea].

- *franciscæ*†. Böhm. 39.

PHOS [Buccinidae].

- *tabidus*. Hedley. 168.

PHRAGMOSTOMA [Prosobranchiata].

- *chautauquæ*†. Clarke. 61.

Phrygiomurex n. sect. [Tritonidae].
Dall. 91.

PHYLLOCERAS [Ammonoidea].

- *böckhi*†. Prinz. 311.
 ————— *borni*†. Prinz. 311.
 ————— *frechi*†. Prinz. 311.
 ————— *gajarii*†. Prinz. 311.
 ————— *hintzei*†. Prinz. 311.
 ————— *lörenthei*†. Prinz. 311.
 ————— *lőczyi*†. Prinz. 311.
 ————— *perplanum*†. Prinz. 311.
 ————— *semseyi*†. Prinz. 311.
 ————— *szabó*†. Prinz. 311.
 ————— *trilabiatum*†. Prinz. 311.

PINNA [Pseudolamellibranchiata].

- *ecki*†. Picard. 302.
 ————— *heeri*†. Böhm. 39.
 ————— *lima*†. Böhm. 39.
 ————— *squamifera*. Sowerby. 366.

PITAR [Veneracea].

- *sulfurea*. Pilsbry. 304.

PLACENTICERAS [Ammonoidea].

- *intermedium*†. Johnson.
 203.
 ————— *rotundatum*†. Johnson. 203.

PLANISPIRA [Helicidae].

- *endoptycha* n. var. Sykes.
 383.
 ————— *fruhstorferi*. Sykes. 383.
 ————— *gebienis*. Sykes. 383.

PLATYCERAS [Capulidae].

- *columbiana*†. Weller. 412.

PLATYOSTOMA [Capulidae].

- *nearpassi*†. Weller. 412.

- PLETHOMYTIUS** [Filibranchiata].
 — *cuneatus*†. Kindle and Breger. 214.
- PLEURODOX** [Filibranchiata].
 — *maorianus*. Hedley. 169.
- PLEUROLEURA** [Nudibranchiata].
 — *alba*. Eliot. 113.
- PLEURONAUTILUS** [Nautiloidea].
 — *pulcher*. Crick. 86.
- Pleurophorella**† n. gen. [Anatinacea].
 — Girty. 110.
 — *papillosa*†. Girty. 110.
- PLEUROPHORUS** [Submytilacea].
 — *anderssoni*†. Böhm. 39.
 — *perlongus*†. Böhm. 39.
- PLEUROTOMA** [Conidae].
 — *calcertensis*†. Martin. 255.
 — *camerunensis*†. Oppenheim. 289.
 — *caseyi*†. Aldrich. 1.
 — *choptankensis*†. Martin. 255.
 — *communis* var. *protocommunis*† n. var. Martin. 255.
 — *halieyroa*. Melvill. 264.
 — *koenenii*†. Archangeliskij. 10.
 — *ludmilae*†. Archangeliskij. 10.
 — *margaritae*. Smith. 347.
 — *patricia*. Melvill. 264.
 — *suberassus*†. Archangeliskij. 10.
 — *trypanodes*. Melvill. 261.
 — *uriana*†. Oppenheim. 289.
- PLEUROTOMARIA** [Pleurotomariidae].
 — *ciliata*†. Clarke. 64.
 — *cloroida*†. Kindle and Breger. 214.
 — *genundewa*†. Clarke. 61.
 — *stylus*†. Clarke. 64.
 — *weissermeli*†. Wolleman. 421.
- PLOCATULA** [Pseudolamellibranchiata].
 — *schweinfurthi*†. Oppenheim. 288.
 — *variolosa*†. Oppenheim. 288.
- PNEUMODERMIA** [Pteropoda].
 — *heterocotylum*. Tesch. 386.
 — *pigmaeum*. Tesch. 386.
- POECILOZONITES** [Limacidae].
 — *cupula*. Gulick. 157.
 — *dalli*. Gulick. 157.
 — *nelsoni* var. *callosus* n. var. Gulick. 157.

- POLINICES** [Naticidae].
 — *sagamicusis*. Pilsbry. 303.
- Polygyrata**† n. gen. [Pleurotomariidae].
 — Weller. 412.
 — *sinistra*†. Weller. 412.
- Polypodidae** n. nom. [Dibranchiata].
 — Hoyle. 185.
- POLYPUS** [Dibranchiata].
 — *oculifer*. Hoyle. 185.
- POROLEDA** [Protobranchiata].
 — *latei*. Hedley. 171.
- POROMYA** [Septibranchiata].
 — *curta*. Sowerby. 366.
 — *gilchristi*. Sowerby. 366.
 — *granosissima*. Sowerby. 366.
 — *striata*. Sowerby. 366.
- POSIDONIA** [Pseudolamellibranchiata].
 — *marcellensis*†. Clarke. 64.
 — *venusta* var. *nitidula*† n. var. Clarke. 64.
- POSIDONOMYA** [Pseudolamellibranchiata].
 — (?) *malladii*†. Delgado. 100.
 — ? *plana*†. Philipp. 299.
- PRÆCARDIUM** [Anatinacea].
 — *melletes*†. Clarke. 61.
 — *multicostatum*†. Clarke. 61.
- PROMATHILDA** [Turritellidae].
 — *parva*†. Böhm. 39.
- PROSPONDYLUS** [Pseudolamellibranchiata].
 — *crassus*†. Broili. 47.
 — *palliatu*†. Broili. 47.
 — *zimmermanni*†. Broili. 17.
- PROTORCULA** [Pseudomelaniidae].
 — *lissotropis*†. Picard. 301.
 — *punctata*†. Picard. 301.
- Protospiralis** n. gen. [Pteropoda].
 — Clarke. 64.
- PROTHIACA** [Pelecypoda].
 — *grewingkii*. Dall. 92.
- PSAMMOBIA** [Tellinacea].
 — *arakanensis*. Smith. 347.
 — *gubernatoria*†. Glenn. 113.
- PSEUDAMNICOLA** [Hydrobiidae].
 — *sinaica*. Pallary. 292.
- Pseudelma** n. gen. [Testacellidae].
 — Kolt. 216.
- Pseudocucullaea**† n. gen. [Filibranchiata].
 — Solger. 359.
 — *incisa*†. Solger. 359.
 — *lens*†. Solger. 359.
 — *obliqua*†. Solger. 359.

- PSEUDOGLESSULA** [Stenogyridae].
 ——— *gracilior*. Smith. 350.
 ——— *prestoni*. Smith. 350.
- PSEUDOLIVA** [Buccinidae].
 ——— *coniformis*†. Oppenheim. 289.
 ——— *eschi*†. Oppenheim. 289.
 ——— *krishtafortitschi*†. Archangeliskij. 10.
 ——— *schueinfurthi*†. Oppenheim. 289.
- PSEUDOMONOTIS** [Pseudolamellibranchiata].
 ——— *bittneri*†. Philipp. 299.
 ——— *spitzbergensis*†. Böhm. 39.
- PSEUDOTISSOTA** [Ammonoidea].
 ——— *philippi*†. Solger. 360.
 ——— *sequioi*†. Solger. 358.
- Pseudotruncatella**† n. gen. [Truncatellidae]. Andreae. 5.
 ——— *pretiosa*†. Andreae. 5.
- Pseudotylostoma** n. gen. [Prosobranchiata]. Ihering. 193.
 ——— *romeroi*†. Ihering. 193.
- Pterochaenia**† n. gen. [Pseudolamellibranchiata]. Clarke. 61.
 ——— *cashaguae*†. Clarke. 64.
 ——— *elmensis*†. Clarke. 64.
 ——— *fragilis* var. *orbicularis* n. var. Clarke. 61.
 ——— *perissa*†. Clarke. 61.
 ——— *sinuosa*†. Clarke. 64.
 ——— *nichtensis*†. Clarke. 64.
- PTYCHOCERAS** [Nautiloidea].
 ——— (?) *closteroides*. Etheridge. 117.
- PTYCHOPTERIA** [Pelecypoda].
 ——— *subquadrata*†. Weller. 412.
- PUNCTUM** [Endodontidae].
 ——— *horneri*. Ancy. 4.
 ——— *propygmaceum*†. Andreae. 5.
- PUNCTURELLA** [Fissurellidae].
 ——— *demissa*. Hedley. 169.
- PUPA** [Pupidae].
 ——— *similis* var. *guidoni* n. var. Caziot. 61.
- PIRPERA** [Muricidae].
 ——— *texturata*. Smith. 351.
 ——— *tosana*. Pilsbry. 303.
- PYRAMIDELLA** [Pyramidellidae].
 ——— *cossmanni* n. nom. Dall and Bartsch. 97.
 ——— *dodona*. Dall and Bartsch. 97.
- PYRAMIDULA** [Endodontidae].
 ——— *mamillata*†. Andreae. 5.
- Pyroteuthis** n. gen. [Dibranchiata].
 Hoyle. 185.
- PYRULA** [Doliidae].
 ——— *harrii*†. Martin. 255.
- RAPHISTOMA** [Pleurotomariidae].
 ——— *columbiana*†. Weller. 412.
- RETUSA** [Tectibranchiata].
 ——— *bysma*. Melvill. 264.
 ——— *marshalli*. Sykes. 380.
 ——— *marylandica*†. Martin. 255.
- RHABDOCONCHA** [Gastropoda].
 ——— *fritschii*. Picard. 301.
- RHOMBOPTERIA** [Pseudolamellibranchiata].
 ——— *clathratus*†. Weller. 412.
- Rhopalithes**† n. gen. [Fasciolaridae].
 Grabau. 148.
 ——— *clavelloides*. Grabau. 148.
 ——— *rugoides*†. Grabau. 148.
 ——— *tuberculoides*. Grabau. 148.
- RHYNCHOPTERUS** [Pelecypoda].
 ——— *perna*†. Böhm. 39.
- RHYNCHOTEUTHIS** [Dibranchiata].
 ——— *chuni*. Hoyle. 185.
- RHYTIDA** [Testacellidae].
 ——— *duplicata*. Suter. 377.
- RISSEA** [Rissoidae].
 ——— *columen*. Melvill. 261.
 ——— *conspicua*. Smith. 354.
 ——— *integella*. Hedley. 168.
 ——— *marylandica*†. Martin. 255.
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 ——— *ogawarana*. Pilsbry. 303.
 ——— *perspecta*. Smith. 354.
 ——— *suteri*. Hedley. 169.
 ——— *tokyoensis*. Pilsbry. 303.
- RISSEINA** [Rissoidae].
 ——— *alfredi*. Smith. 354.
 ——— *lacriocostulata*. Pilsbry. 303.
 ——— *materinsulae*. Pilsbry. 303.
 ——— *phormis*. Melvill. 266.
 ——— *rex*. Pilsbry. 303.
- ROSTELLARIA** [Strombidae].
 ——— *chubutensis*. Ihering. 193.
 ——— *cossmanni*. Ihering. 193.
 ——— *striatissima*. Ihering. 193.
- ROSTELLITES** [Volutidae].
 ——— *dalli* var. *wellsi*† n. var. Johnson. 203.
- Saccoina** n. nom. [Pyramidellidae]. Dall and Bartsch. 97.

- SANIDOMUS** [Veneracea].
 — *popofianus*. Dall. 92.
- SCALA** [Scalariidae].
 — *calvertensis*†. Martin. 255.
 — *marylandica*†. Martin. 255.
 — *prunicola*†. Martin. 255.
 — *reticulata*†. Martin. 255.
- SAPHANDER** [Tectibranchiata].
 — *ceylanica*. Smith. 317.
- SCHISMORE** [Pleurotomariidae].
 — *brevis*. Hedley. 169.
- SCHLOENBACHIA** [Ammonoidea].
 — *erae*†. Lasswitz. 231.
 — *frechi*†. Lasswitz. 231.
 — *kilianii*†. Lasswitz. 231.
 — *quattuornodosa*†. Lasswitz. 231.
 — *roemeri*†. Lasswitz. 231.
- SCISSURELLA** [Pleurotomariidae].
 — *jacksoni*. Melvill. 261.
 — *rosca*. Hedley. 169.
- SCURRIA** [Patellidae].
 — ? *coniformis*†. Johnson. 203.
- SEMELE** [Tellinacea].
 — *capensis*. Smith. 351.
- SEPIA** [Dibranchiata].
 — *burnupi*. Hoyle. 186.
- Serpho** n. nom. [Gastropoda]. Hutton. 190.
- SERRULINA** [Pupidae].
 — *collasi*. Sturany. 375.
- Sinoennea** n. gen. [Testacellidae].
 Kobelt. 216.
- SIPHONALIA** [Buccinidae].
 — (?) *calvertana*†. Martin. 255.
 — *marylandica*†. Martin. 255.
- SIPHONARIA** [Tectibranchiata].
 — *ruenana*. Pilsbry. 303.
 — *subatra*. Pilsbry. 303.
- SISENNA** [Pleurotomariidae].
 — *conventzi*†. Böhm. 39.
- SISTRUM** [Muricidae].
 — *morus* var. *borealis* n. var. Pilsbry. 303.
- SOLAROPSIS** [Helicidae].
 — var. *rugifera* var. *juruanus* n. var. Ihering. 191.
- SOLECARDIA** [Submytilacea].
 — *ritrea* : *japonica* n. subsp. Pilsbry. 301.
- SOLECURTUS** [Myacea].
 — (?) *parlovi* †. Archangel'skij. 10.
- SONNERATIA** [Ammonoidea].
 — *supani*†. Lasswitz. 231.
- SONORELLA** [Helicidae].
 — *ashmuni*. Bartsch. 20.
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 — *dalli*. Bartsch. 20.
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- SPATHA** [Submytilacea].
 — *innesi*. Pallary. 293.
- SPATHELLA** [Submytilacea].
 — *fourtaui*. Pallary. 293.
- SPIROTOXON** [Limacidae].
 — *neumanni*. Simroth. 339.
 — *stuhlmanni*. Simroth. 339.
- SPISULA** [Tellinacea].
 — *bernardi*. Pilsbry. 304.
 — *callistaeformis*. Dall. 92.
 — *chesapeakeensis*†. Glenn. 113.
- SPONDYLUS** [Pseudolamellibranchiata].
 — *perhorridus*†. Oppenheim. 288.
 — *nili*†. Oppenheim. 288.
- SPORTELLA** [Submytilacea].
 — *patuxentia*†. Glenn. 113.
 — *recessa*†. Glenn. 113.
- STANLEYA** [Hydrobiidae].
 — *rotundata*. Smith. 351.
- Stantonoceras**† n. gen. [Ammonoidea].
 Johnson. 203.
 — *pseudocostatum*†. Johnson. 203.
- STAUROTEUTHIS** [Dibranchiata].
 — *hippocrepium*. Hoyle. 185.
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Ctenocalanus ranus. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (125, pl. IX, fig. 9).

Cyclops leuckartii and nn. spp. Natal. **Brady**, G. S. London, Proc. Zool. Soc., **1904**, **2**, (122-123, pl. VI).

Diapomus ichmeri n. sp. Mexico. **Pearse**, A. S. Amer. Nat., Boston, Mass., **38**, 1904, (889-891, with text fig.); *D. nulus* n. sp. **Marsh**, C. D. Trans. Amer. Microsc. Soc., Lancaster, Pa., **25**, 1904, (146-149, with pl.).

Ectinosoma nn. spp. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 3 and 4, Bergen, 1904, (29-40, with figs.).

Ectocyclops n. gen. near *Cyclops*, *E. rubescens* n. sp. Natal. **Brady**, G. S. London, Proc. Zool. Soc., **1904**, **2**, (124, pls. VI-VII).

Eucalanus atlanticus n. sp. N. Atlantic. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (113, pl. IX, figs. 3 and 4).

Euchaeta, notes and figures of species. **Wolfenden**, R. N. *l.c.* (133-135, text-figs.); *E. affinis* n. sp. Cape Good Hope. **Cleve**, P. T. Cape Town, Marin. Invest., **3**, 1904, (201, pl. III, figs. 17-19).

Euchirella, notes on species. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (115-116).

Eudactylina minuta n. sp. Bernoch Firth, on *Trygon pastinacea*. **Scott**, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (275, pl. XVII, figs. 1-11).

Faroella n. gen., *F. multiserrata* n. sp. N. Atlantic. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (117, pl. IX, figs. 26-28).

Gaetanus campani (?), *G. major* n. sp. N. Atlantic. **Wolfenden**, R. N. *l.c.* (114, pl. IX).

Gaidius spp., notes and figures. **Wolfenden**, R. N. *l.c.* (114, 131, pl. IX).

Harpacticus, description. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 3 and 4, Bergen, 1904, (49-54, with fig. of all the sp.); *H. chelifera*. **Brady**, G. S. Newcastle, Trans. Nat. Soc., **1**, No. 1, 1904, (6, pl. II, figs. 9-16).

Heteranthessius n. nom. for *Paranthessius* T. Scott, nom. Claus. **Scott**, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (259).

Heterorhabdus grandis n. sp. N. Atlantic, *H. longicornis*. Wolfenden, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1901, (120, 121, pl. IX, figs. 34, 36).

Liophilus n. gen., *L. flexibilis* n. sp. Sweden. Lilljeborg, W. Stockholm, Vet.-Ak. Handl., **36**, No. 1, 1902, (61-65).

Jeanella n. nom. for *Platysyllus* T. Scott, non Ritsema nec Westwood. Scott, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (259).

Labidocera similis n. sp. Cleve, P. T. Ark. Zool., Stockholm, **1**, 1904, (378-379).

Laophonte mohammed Rich., Bemerkung. Zykoff, W. Zool. Anz., Leipzig, **28**, 1904, (246-249).

Lernaea lusei. Scott, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (277, pl. XVII, figs. 12, 13).

Lernaeopoda extumescens n. sp. Finland. Gadd, P. Helsingfors, Acta Soc. Fauna et Fl. Fenn., **26**, 8, 1904, (31).

Lophothrix securifrons n. sp. N. Atlantic, *L. frontalis*. Wolfenden, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (120, pl. IX).

Lucicutia nn. spp. Cape Good Hope. Cleve, P. T. Cape Town, Marin. Invest., **3**, 1904, (202-204, pl. VI, figs. 33-34); *L. atlantica* n. sp. N. Atlantic, *L.* spp. notes and figs. Wolfenden, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (121, pl. IX).

Maraenobiotus affinis n. sp. Turkestan. Daday, E. von Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (487).

Megacalanus n. gen., *M. princeps* n. sp. N. Atlantic. Wolfenden, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (112, pl. IX, figs. 1, 2).

Metridia normani. Wolfenden, R. N. l.e. (125, pl. IX, figs. 39, 40).

Microsetella, description. Sars, G. O. Crustacea of Norway, **5**, Pts. 3 and 4, Bergen, 1904, (13-45, with fig.).

Monstrilla, notes and figures of species; *M. dubia* n. sp. Forth and Clyde. Scott, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (243-247, pls. XIII-XV).

Nitocera paradoxa n. sp. Turkestan. Daday, E. von Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (492).

Oithona nana Giesbr., Vorkommen in der Nordsee. van Breemen, P. J. Con. perm. internat. explor. mer. Publ. circ. Nr. **7**, 1903, Copenhagen, (1-21, with 1 map).

Ophiocamptus muscicola. Richters, F. Zool. Anz., Leipzig, **28**, 1904, (373-377).

Paracartia grani n. sp. Sars, G. O. Bergens Mus. Aarb., **1904**, No. 4, (4).

Parategastes n. gen. Sars, G. O. Crustacea of Norway, **5**, Pts. 5 and 6, Bergen, 1904, (72-74, with fig.).

Paragaptilus n. gen., *P. buchani* n. sp. Wolfenden, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (123, pl. IX, figs. 44, 45).

Peltidium, description. Sars, G. O. Crustacea of Norway, **5**, Pts. 5 and 6, Bergen, 1904, (65-67, with fig.).

Phyllopus bidentatus. Wolfenden, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (124, pl. IX, fig. 16).

Pontopolites typicus. Brady, G. S. Newcastle, Trans. Nat. Hist. Soc., **1**, No. 1, 1904, (6, pl. I, figs. 4-12).

Porcellidium, description. Sars, G. O. Crustacea of Norway, **5**, Pts. 5 and 6, Bergen, 1904, (75-77, with fig.).

Pseudaelideus n. gen., *P. armatus* n. sp. N. Atlantic. Wolfenden, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (115, pl. IX, figs. 29-31).

Pseudobradia n. gen., *P. acuta* n. sp. Norway. Sars, G. O. Crustacea of Norway, **5**, Pts. 3 and 4, Bergen, 1904, (40-43, with figs.).

Sabelliphilus bispirae n. sp. McIntosh, W. C. Cape Town, Marin. Invest., **3**, 1904, (86, pl. IX, figs. 51-56).

Saeedina careini Rathke, premiers stades du développement. Abric, P. Paris, C.-R. Acad. sci., **139**, 1904, (430-432).

Scolecithricella neptuni n. sp. Cape Good Hope. Cleve, P. T. Cape Town, Marin. Invest., **3**, 1904, (206, pls. IV-V, pl. VI, figs. 30-31).

Scolecithrix nn. spp. Wolfenden, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (119-120, pl. IX, figs. 5, 6).

Silvestria n. gen., *S. trueliae* n. sp. Brian, A. Genova, Boll. Musci zool. anat. comp., N° **119**, 1902, (1-4, con 1

fig.: Genova, Atti Soc. ligustica sci. nat. geogr., **13**, 1902, 215-218, con 1 fig.

Sphaeronella, notes and figs. of species, nn. spp. Coast of Scotland. **Scott**, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (251, 253, pl. XV); *S. norregica* n. sp. on *Rhachotropis leucophthalmus* (Amphipoda), Norway. **Hansen**, H. J. Q. J. Microsc. Sci., London, (N. Ser.), **42**, 1904, (318, pl. XXII, figs. 1a-1g).

Sphaeronellopsis n. gen., *Chemastanellidae*, *S. litoralis* n. sp. on *Sarsiella hispida*, (Ostracoda), New Zealand. **Hansen**, H. J. *l.c.* (351, pl. XXII, figs. 2a-2g).

Spinocalanus magnus n. sp. N. Atlantic. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (118).

Stenothocheles egregius. **Scott**, T. Glasgow, Rep. Fish. Board **22**, 3, 1904, (250, pl. XV, figs. 5-10).

Tegastes nn. spp., description. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 5 and 6, Bergen, 1904, (68-72, with figs.).

Thaumaleus, notes and figures of species, nn. spp. Shetland. **Scott**, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (248-250, pls. XIII, XIV).

Thyonicola n. gen., *T. ziegleri* n. sp. **Miculicich**, M. Zool. Anz., Leipzig, **28**, 1904, (47-52); *T. ziegleri* Miculicich = *Brachiella thymi* Cuv. **Stenta**, M. *l.c.* (345-347).

Tigriopus, description. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 3 and 4, Bergen, 1904, (51-56, with fig.).

Valdiviella n. gen., *V. oligarthra* n. sp. Valdivia-Expedition. **Steuer**, A. Zool. Anz., Leipzig, **27**, 1904, (593-598).

Xanthocalanus nn. spp. N. Atlantic. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (118, 119, pl. IX); *X. fragilis aurivilius*. Cape Good Hope. **Cleve**, P. T. Cape Town, Marius. Invest., **3**, 1904, (209, pl. VI, fig. 32).

Zaus abbreviatus n. sp. Norway. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 5 and 6, Bergen, 1904, (56-60, with figs.).

PHYLLLOPODA.

GENERAL.

Birge, E. A. Report on the Cladocera. In: **Ward**, H. B. A biological reconnaissance of some elevated lakes in the Sierras and the Rockies. Trans. Amer. Microsc. Soc., Lancaster, Pa., **25**, 1904, (149-151, with pl.).

Ekman, S. Cladoceren . . . aus Ägypten und dem Sudan. In: **Jägerskiöld**, L. A. Results of the Swedish zoolog. exped. to Egypt, 1901. Pt. 1. Uppsala, 1904, (1-14, with pl.).

Fordyce, C. Additional notes on the Cladocera of Nebraska. [With bibliography.] Trans. Amer. Microsc. Soc., Lancaster, Pa., **25**, 1904, (45-54, with 1 pl.).

Sprague, Miss. Note on the occurrence of certain Cladocera in the Edinburgh district. Edinburgh, Proc. R. Physic. Soc., **15**, Pt. 2, 1904, (111).

Stingelin, Th. Untersuchungen über die Cladocerenfauna von Hinterindien, Sumatra und Java, nebst einem Beiträge zur Cladoceren-Kemtnis der Hawaii-Inseln. (Reise von Dr. Walter Volz.) Zool. Jahrb., Jena, Abt. f. Syst., **21**, 1904, (327-370, mit 3 Taf.).

SPECIAL.

Alona novae-zealandiae n. sp. Pacific. **Sars**, G. O. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (629-646).

Alonella breviceps† n. sp. Hawaii. **Stingelin**, T. Zool. Jahrb., Jena, Abt. f. Syst., **21**, 1904, (327-370, mit 3 Taf.).

Bosmina coregoni gibbera Schoedler ♂. **Keilhack**, L. Zool. Anz., Leipzig, **27**, 1904, (564); *B. hagmanni* n. sp. **Stingelin**, T. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (575-590); Zool. Anz., Leipzig, **28**, 1904, (153-151); *B. meridionalis* n. sp. Pacific. **Sars**, G. O. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (631).

Chydorus robustus† n. sp. Hawaii. **Stingelin**, T. *l.c.* **21**, 1904, (327-370, mit 3 Taf.).

Daphnia magna var. *americana* n. var. **Fordyce**, C. Trans. Amer. Microsc. Soc., Lancaster, P., **25**, 1904, (45-51, with 1 pl.); *D. pulex*, das Ephippium. Studien

über Kutikulargenese und -Struktur und ihre Beziehungen zur Physiologie der Matrix. **Wolff**, M. Biol. Centrabl., Leipzig, **24**, 1901, (644-650, 697-722, 761-767); *D. pulex*, reactions. **Yerkes**, R. M. Parker, G. H., ed. Mark Anniversary Volume, New York, 1903, ([359]-377, with text fig.).

Drepanolirix dentata, Vorkommen. **Zacharias**, O. Natw. Wochenschr., Jena, **19**, 1901, (845).

Eradne, notes and key to species. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1901, (41).

Holopedium amazonicum n. sp. Amazonas. **Stingelin**, T. Zool. Anz., Leipzig, **28**, 1904, (153-154); Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (577).

Leydigia trichura n. sp. Nebraska. **Fordyce**, C. Trans. Amer. Microsc. Soc., Lancaster, Pa., **25**, 1904, (45-54, with 1 pl.).

Macrothrix affinis n. sp. Natal. **Brady**, G. S. London, Proc. Zool. Soc., **1904**, 2, (127, pl. VIII, figs. 63-65); *M. cornuta* n. sp. Turkestan. **Daday**, E. von. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1901, (508); *M. montana* n. sp. **Birge**, E. A. Trans. Amer. Microsc. Soc., Lancaster, Pa., **25**, 1904, (149-151, with pl.); *M. schauinslandi* n. sp. Pacific. **Sars**, G. O. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (632).

Moinodaphnia brasiliensis n. sp. **Stingelin**, T. l.c. **20**, 1904, (580); Zool. Anz., Leipzig, **28**, 1904, (153-151).

Parasida n. gen. verwandt mit *Pseudosida* Herrick., *P. szalayi* (Dad), *P. ramosa* n. sp., *P. variabilis* n. sp. **Daday**, J. Rovart. L., Budapest, **11**, 1904, (111-112).

Pleuroxus hastirostris n. sp. Pacific. **Sars**, G. O. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1901, (635).

Podon leuckarti attacking post-larval fish. **Scott**, T. Glasgow, Rep. Fish. Board, **22**, 3, 1901, (279).

Polyartemia hazeni Murdoch, ausführliche Beschreibung, *P. foreipata*, Körperbau. **Ekman**, S. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 11, 1902, (5-36, with pl.).

Sageia n. gen., *S. orbicularis* n. sp. Victoria. **Sars**, G. O. Arch. Math. Naturv., Kristiania, **26**, No. 3, 1904, (4, 5).

Streptocephalus neumanni n. sp. **Thiele**, J. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1900, (371-374, mit 1 Taf.).

MALACOSTRACA.

Calman, W. T. *Anaspidacea*, new Order; *Eucarida*, new name for division of Eumalacostraca (Orders Euphausacea, Decapoda); *Hoplocarida*, new name for division of Eumalacostraca, (Order Stomatopoda); *Peraeacida*, new name for division of Eumalacostraca (Orders Mysidacea, Cumacea, Tanaidacea, Isopoda, Amphipoda). Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (111-158).

LEPTOSTRACA.

GENERAL.

Thiele, Joh[annes]. Die Leptostraken. (Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Bd 8, Lfg. 1.) Jena (G. Fischer), 1901, (1-26, mit 4 Taf.). 35 cm.

SPECIAL.

Nebaliacea, Order, n. nom. **Calman**, W. T. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (111-158).

Nebaliella antarctica n. sp. **Thiele**, J. Wissensch. Ergebnisse d. D. Tiefsee-Expedition. Jena, **8**, Lfg. 1, 1901, (3-4).

ARTHIROSTRACA.

Sovinskij, V. K. Einführung i. d. Studium d. Fauna d. Pontisch-Kaspisch-Aralischen Meeresbassins . . . (Russ.). Kiev, Zap. Obšč. Jest., **18**, 1901, (1-111, 1-187, mit 4 Taf. und Beilagen I-216, 1-11).

AMPHIPODA.

GENERAL.

Bruntz, L. Sur l'existence de trois sortes de cellules phagocytaires chez les amphipodes normaux. Paris, C.-R. Acad. sci., **139**, 1904, (368-370).

Holmes, S. J. Amphipod Crustaceans of the expedition. [*In*: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 10.] New York, **10**, 1901, [231] 216, with text fig.).

Patterson, R. Amphipoda and Isopoda (from Sligo). Irish Nat., Dublin, **13**, 1901, (202).

Senna, A. Nota sugli *Oxicephalidae* [del Mediterraneo]. Firenze, Boll. Soc. entom., **34**, (1902), trimestre 1-2, 1902, (10-32, con 1 tav.).

Stebbing, T. R. R. *Scinidae* def. and key to genera. London, Trans. Linn. Soc. Zool., **10**, pt. 2, 1901, (18).

SPECIAL.

Allorchestes pernix n. sp. **Moreira, C.** Arch. Mus., Rio de Janeiro, **12**, 1903, (187-189).

Ampelisea, key to some species and nn. spp. **Walker, A. O.** Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (219-251, pls. II-IV).

Amphithoe intermedia n. sp. Ceylon. **Walker, A. O.** l.c. (290, pl. VII, fig. 46); *A. longimana*, habits. **Holmes, S. J.** Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2**, 1901, (165-193, with text fig.).

Ananixis stebbingi n. sp. Ceylon. **Walker, A. O.** Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (259, pl. III, fig. 18).

Apherusa n. gen., *A. clevei* n. sp. **Sars, G. O.** Cons. perm. internat. explor. mer, Publ. circ., Nr. **10**, Copenhagen, 1901, (1-4, with 1 pl.).

Archaeascina n. gen. *Scinidae*, *A. bonnieri* n. sp. Bay of Biscay, 300-400 fms. **Stebbing, T. R. R.** London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1901, (19, pl. IIIA).

Brachyseclus notes on species. **Stebbing, T. R. R.** l.c. Pt. 2, 1901, (10).

Bronislavia n. gen., *B. radziszewskii* n. sp. **Rakovskij, I.** Lemberg, Zbirn. Seke. Mat.Prirod. Likarsk, **3**, Heft 2, 1902, (1-14).

Byblis intermedius n. sp. Arctic seas. **Stebbing, T. R. R.** Amsterdam, Bijdr. Dierk., **17-18**, 1904, (18).

(s 2-5658)

Caprella nn. spp. Alaska. **Holmes, S. J.** *In*: Alaska, New York, **10**, 1901, (211-215).

Cheliphotis n. gen. *Photidae*, *C. megacheles* n. sp. Ceylon. **Walker, A. O.** Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (283-284, pl. VI, fig. 42).

Cheralia n. gen. *Photidae*, *C. aviculae*, n. sp. Ceylon. **Walker, A. O.** l.c. (288, pl. VII, fig. 50, pl. VIII, fig. 50).

Corophium macoticum n. sp. **So-vinskij, V.** Kiev. Zap. Obsč. Jest., **18**, 1901, (I-XIII, 1-187, mit 4 Taf. und Beilagen 1-216, I-II).

Dexamine serraticrus n. sp. Ceylon. **Walker, A. O.** Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (265, pl. IV, fig. 21).

Elasmopus nn. spp. Ceylon. **Walker, A. O.** l.c. (275-277, pl. V-VIII, fig. 34).

Elsia indica. **Walker, A. O.** l.c. (237, pl. I, fig. 2).

Erichthenius macroductylus. **Walker, A. O.** l.c. (292, pl. VII, fig. 48).

Eusirogenes n. gen. *Eusiridae*, *E. dolichocarpus* n. sp. Bay of Biscay, 1000-2000 fms. **Stebbing, T. R. R.** London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1901, (15, pl. IIA).

Eusiroides caecaris var., *E. orchomenipes* n. sp. Ceylon. **Walker, A. O.** Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (261, pl. IV, figs. 22, 23).

Euthemisto compressa at Redcar. **Norman, A. M.** Naturalist, London, **1904**, (159).

Gallea n. gen. *Amph'lochidae*, *G. tecticauda* n. sp. Ceylon. **Walker, A. O.** Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (256, pls. III, VIII).

Gammaropsis tenuicornis n. sp. Puget Sound. **Holmes, S. J.** Alaska. Harriman Expedition, New York, **10**, 1901, (239); *G. zeylanicus* n. sp. **Walker, A. O.** Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (282, pl. VI, fig. 41).

Gammarus locusta, die ersten Embryonalstadien. **Heidecke, P.** Jenaische Zs. Natw., **38**, 1901, (505-552, mit 4 *

- Taf.); *G. olivianus* n. sp. **Sovinskij**, V. K. Kiev., Zap. Obsč. Jest., **18**, 1904, (399); *G. pulex*, anatomy, habits, development. **Cussans**, M. Liverpool, Proc. Trans. Biol. Soc., **18**, 1904, (327-373, pls. I-IV, 6 text-figs.); *G. zschokkei* n. sp. **Vejdovský**, F. Centralbl. Bakt., Jena, Abt. 2, **11**, 1904, (481-496, mit 1 Taf.).
- Guernia laevis*. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (267, pl. IV, fig. 26).
- Gulbarentsia* n. gen., *G. hocki* n. sp. Arctic seas. **Stebbing**, T. R. R. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (2).
- Hippomedon squamosus* n. sp. Arctic seas. **Stebbing**, T. R. R. *l.c.* (4, pl. 1).
- Hornellia* n. gen., *Gammaridae* or *Melphippidae*, *H. incerta* n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (268-269, pl. IV, fig. 27).
- Hyale nilssoni* var. (name *kuriensis* suggested if species distinct). **Walker**, A. O. *l.c.* (238).
- Hyperia bengalensis*, dimorphism of ♂. **Walker**, A. O. *l.c.* (235-236); *H. luzoni*. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1901, (33).
- Hyperioidea*, notes on species. **Stebbing**, T. R. R. *l.c.* (34).
- Ichnopus taurus*. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (238, pl. I, fig. 3).
- Jassa falcata*. **Walker**, A. O. *l.c.* (292, pl. VII, fig. 47).
- Laecola*, notes and key to species. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1904, (28).
- Lembos* nn. spp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (279-280, pl. VI, figs. 39, 40).
- Leucothoe* nn. spp. **Walker**, A. O. *l.c.* (258-259, pl. III, figs. 17, 17A).
- Lysianax cinghalensis*; *L. coelochir* n. sp. Ceylon. **Walker**, A. O. *l.c.* (212-213, pl. I, figs. 6, 7).
- Maera othonoides* n. sp. Ceylon, notes and figs. of other species. **Walker**, A. O. *l.c.* (271-273, pl. V).
- Melita anisochir*. **Walker**, A. O. *l.c.* (270, pl. IV, fig. 28).
- Metaprotella excentrica*. **Mayer**, P. *l.c.* 16, 1904, (224).
- Mimonectes*, Biologie. **Woltereck**, R. Zool. Anz., Leipzig, **27**, 1901, (621-627).
- Monoculodes hansenii* n. sp. Arctic seas. **Stebbing**, T. R. R. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (22, pl. 4).
- Monoliropus falcimanus* n. sp. Ceylon. **Mayer**, P. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 16, 1904, (225, text-figs. 1-9).
- Neoniphargus fultoni* Sayce. **Sayce**, O. A. Viet. Nat., Melbourne, **20**, 1904, (151).
- Niphargus*, notes sur le genre. **Grochowski**, M. (Polish) Kosmos, Lwów, **29**, 1904, (31-50, 81-103, 266-301); *N. kochianus*, Lough Mask, *N. subterraneus*, Kent. **Kane**, W. F. de V. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (274, 280, pl. VIII).
- Pallasiella quadrispinosa*, biologische Eigentümlichkeit. **Samter**, M. und **Weltner**, W. Zool. Anz., Leipzig, **27**, 1904, (683).
- Parahyperia* referred to *Hyperioidea*. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1904, (34).
- Parascelus parvus*. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (236, pl. I, fig. 1).
- Parascina* n. gen. *Scinidae*, *P. fouleri* n. sp. Bay of Biscay to 2,000 fms. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1904, (20-21, pl. II B).
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- Paratylos grandulosus* n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (265).
- Parelasomopus sulvensis*. **Walker**, A. O. *l.c.* (278, pl. VI, fig. 38).
- Paronesimus* n. gen., *P. barentsi* n. sp. Arctic seas. **Stebbing**, T. R. R. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (11, pl. II).
- Periculodes scerra* n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (262, pl. IV, fig. 20).
- Photis* nn. spp. Ceylon. **Walker**, A. O. *l.c.* (286, 287, pl. VII).

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Platophium n. spp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (296-297, pl. VIII).

Platyschnopus herdmanni n. sp. Ceylon. **Walker**, A. O. l.c. (247, pl. II, fig. 10).

Pontogammarus n. n. subgen. **Sovinskij**, V. Kiev. Zap. Obšč. Jest., **18**, 1901, (394).

Pontoporeia agünis, biologische Eigentümlichkeit. **Santer**, M. und **Weltner**, W. Zool. Anz., Leipzig, **27**, 1901, (686).

Primno macropa. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, pt. 2, 1901, (33, text-figs. 1, 2).

Scina, notes and key to species, *S. lepisma*. **Stebbing**, T. R. R. l.c. (22, 27, pl. III B).

Siphonoeetes orientalis n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (294, pl. VII, fig. 49).

Socarnella n. gen. *Lysianassidae*, *S. bonnieri* n. sp. Ceylon. **Walker**, A. O. l.c. (239, pl. I, fig. 4).

Sphaeromimoneetes n. gen., *S. valdiviae* n. sp. **Woltereck**, R. Zool. Anz., Leipzig, **27**, 1901, (621-627); *S. gausi* n. sp. Deutschen Südpolar-expedition. **Woltereck**, R. l.c. (627-629).

Stenothoe alaskensis n. sp. **Holmes**, S. J. In: Alaska (Harriman Expedition). New York, **10**, 1901, (236); *S. marina* var. *sinhalensis* n. var., *S. galensis* n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (261).

Streetsia washingtoni n. sp. **Senna**, A. Firenze, Boll. Soc. entom., **34**, (1902), trimestre 1-2, 1902, (10-32, con 1 tav.).

Thaumatops, Biologie. **Woltereck**, [R.]. Zool. Anz., Leipzig, **27**, 1901, (553-563).

Tiron thompsoni n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (263, pl. IV, fig. 21).

Tritacta antarctica. **Walker**, A. O. l.c. (266, pl. IV, fig. 25).
(s 2-5658)

Tryphosa cucullata n. sp. Ceylon. **Walker**, A. O. l.c. (244, pl. IV, fig. 8); *T. nuxia* n. sp. Alaska. **Holmes**, S. J. In: Alaska, (Harriman Expedition). New York, **10**, 1901, (234).

Urothoe spinidigitus n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (245, pl. I, fig. 9).

Vibilia, notes on species. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1901, (31).

Vijaya n. gen. *Lysianassidae*, *V. tenuipes* n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1901, (241, pl. I, fig. 5).

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Adinda n. gen. **Budde-Lund, G.** Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33-144).

Aega megalops n. sp. off coast of Portugal. **Norman, A. M.** and **Stebbing, T. R. R.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (134, pl. XIII, figs. 1-7); *A. quadratasinus* n. sp. **Richardson, H.** Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (657-681, with text-fig.); *A. ventrosa*, *A. deshayesiana*. **Norman, A. M.** l.c. (132, 134, pls. XII, XIII).

Aleirona key to species, *A. maldivensis* n. sp. Maldive Islds. **Stebbing, T. R. R.** Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (708, LI B.).

Arcturus nn. spp. from coast of N. S. Wales. **Whitelegge, T.** Sydney, N.S.W. Mem. Austr. Mus., **4**, 1901, (105-416, 16 text figs.); *A. hirsutus* n. sp. **Richardson, H.** Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (41); *A. scabrosus* n. sp. Faroe Channel. **Norman, A. M.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (445).

Arhina n. gen., *A. porcellioideus* n. sp. **Budde-Lund, G.** Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33-144).

Armadillo nn. spp. **Budde-Lund, G.** l.c. (33-144).

Astacilla boeagei n. sp. **Nobre, A.** Porto, Ann. Sci. Nat., **8**, 1904, (93-94, pl. 1).

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Cirolana japonensis n. sp. **Richardson, H.** Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (35); *C. latistylis*, *C. sulcicauda* n. sp. Maldives. **Stebbing, T. R. R.** Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (701-702, pl. XLIX B).

Corallana hirsuta. **Stebbing, T. R. R.** l.c. (704, pl. L B.).

Corallanidae, notes on genera. **Stebbing, T. R. R.** l.c. (703).

Cymodoce bicarinata n. sp. Maldive Islds. **Stebbing, T. R. R.** l.c. (712, pl. LII B).

Cymodocea acuta n. sp.. **Richardson, H.** Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (38).

Cymothoa borbonica. **Stebbing, T. R. R.** Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (709).

Diplophryxus n. gen., *D. jordani* n. sp. **Richardson, H.** Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (50).

Dynamene sculpta n. sp. **Holmes, S. J.** San Francisco, Proc. Cal. Acad. Sci., Zool., (Ser. 3), **3**, 1904, (300).

Entoplilus n. gen., *E. omitectus* n. sp. **Richardson, H.** Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (657-681).

Excorallana n. gen. (= *Corallana* Hansen and Richardson, non Dana). **Stebbing, T. R. R.** Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (701).

Excorallanidae n. fam. for *Excorallana*. **Stebbing, T. R. R.** l.c. (701).

Guathia maxillaris, metamorphosis and life-history. **Smith**, G. Mitt. zool. Stat. Neapel, Berlin, **16**, 1901, (169-179, mit 1 Taf.).

Holopnathus n. gen. *Holopnathidae* n. fam., *H. stewarti* (Fühler). **Thompson**, G. M. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (67, pl. 1).

Inclusa carinata n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (52).

Ione thompsoni n. sp. **Richardson**, H. l.c. (75).

Janiropsis nn. spp. Alaska and California. **Richardson**, H. In: Alaska (Harriman Expedition). New York, **10**, 1904, (221-223); *J.* nn. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (657-681, with text-fig.).

Lanocira nn. spp. Maldive Islds. **Stebbing**, T. R. R. Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (706-707, pls. LA, LIA).

Ligidium coccum n. sp. **Krim. Carl**, J. Zool. Anz., Leipzig, **28**, 1904, (327).

Limnoria, key to species, *L. pfefferi* n. sp. **Stebbing**, T. R. A. Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (711, pl. LIIA).

Livoneca propinqua n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (37).

Meinertia gilberti n. sp. **Richardson**, H. l.c. (53).

Munidion parva n. sp. **Richardson**, H. l.c. (76-81).

Niambia n. gen. **Budde-Lunde**, G. Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33-144).

Parapenaeon n. gen., *P. consolidata* n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (43).

Pentias n. gen., *P. hayi* n. sp. **Richardson**, H. l.c. (47).

Phreatoicus australis Chitton. **Sayce**, O. A. Vict. Nat., Melbourne, **20**, 1901, (151).

Probopyrus nn. spp. **Richardson**, H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (68-70).

Pseudione n. sp. **Richardson**, H. l.c. (79-85).

Pseudophiloseia n. gen., *P. inflexa*, *P. fragilis* nn. spp. **Budde-Lund**, G. Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33-141).

Rocinela nn. spp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (33); *P. hawaiiensis* n. sp. **Richardson**, H. l.c. (657-681, with text fig.).

Saidjahus n. gen. **Budde-Lund**, G. Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33-144).

Sphaeroma (*Exasphaeroma*?) *globicauda*. **Stebbing**, T. R. R. Fauna Mald. Laccad. Arch., London, **2**, pt. III, (711); *S. pentodon* n. sp. California. **Richardson**, H. Alaska (Harriman Expedition), New York, **10**, 1904, (214); Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (657-681, with text-fig.); *S. retrolaeris* n. sp. **Richardson**, H. l.c. (47).

Spherillo nn. spp. **Budde-Lund**, G. Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33-144).

Stegias n. gen., *S. elibanarii* n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (59).

Suarezia n. gen. **Budde-Lund**, G. Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33-144).

Sunniva n. gen., *S. mystica* n. sp. **Budde-Lund**, G. l.c. (33-144).

Symnius n. gen., *S. caudatus* n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (39-40).

Synidotea ritteri n. sp. California. **Richardson**, H. Alaska, (Harriman Expedition), New York, **10**, 1904, (219); Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (657-681, with text-fig.).

Trichoniscus papillicornis n. sp. Alaska. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (657-681, with text-fig.); Alaska (Harriman Expedition). New York, **10**, 1904, (227).

Tylokepon n. gen. (*Copypidae*), *T. bonnieri* n. sp. (on *Tylocarcinus styx*). Maldive Islds. **Stebbing**, T. R. R. Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1901, (716, pl. LIII).

Urobopyrus n. gen., *U. processae* n. sp.
Richardson, H. Washington, D.C.,
Smithsonian Inst., Nation. Mus. Proc.,
27, 1901, (86-87).

Zonophryxus n. gen., *Z. retrodens*
n. sp. **Richardson**, H. l.c. (657-681,
with text-fig.).

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DECAPODA.

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pl. VII).

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Bd 6.) Jena (G. Fischer), 1904, (314,
mit 58 Taf.).

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and their exuviation. (Swedish) Sv.
Fisk. Tidskr., Stockholm, **11**, 1902, (163-
166).

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determinate genus of *Cancroidea*.]
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more, 1901, (94).

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Napoli. Annuario Museo zool.,
(N. Ser.), **1**, No. 3, 1901, (1-20).

Rankin, W. Decapoda [from Sligo].
Irish Nat., Dublin, **13**, 1901, (202).

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America. [In: Alaska, (Harriman
Expedition) edited by C. Hart Merriam.
Vol. 10.] New York, 1901, ([1]-210,
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Terasaki, T. . . . Brachyurous
decapoda of Japan. (Japanese) Dōbuts,
Z., Tōkyō, **16**, 1901, (16-24, 67-69).

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Albanca eliotti n. sp. **Benedict**, J. E.
Washington, D.C., Smithsonian Inst.
Nation. Mus. Proc., **27**, 1901, (621-625,
with text-fig.).

Amphionides n. gen., *A. valdiriae* n.
sp. **Zimmer**, C. Zool Ann., Leipzig,
28, 1901, (225-228).

Astacus fluviatilis, rudimentary gill.
Lankester, E. R. Nature, London, **69**,
1904, (270); *A. fluviatilis* Fabr., exist-
ence of an anterior rudimentary gill.
Moseley, M. Q. J. Microsc. Sci., London,
48, 1901, (359-366, pls. XXIII, XXIV);
A. gammarus (*Homarus vulgaris*),
hatching. **Herdman**, W. A. l.c. **70**,
1904, (296); *A. (Homarus) gammarus*,
abnormal chelae. **Scherren**, H. London,
Proc. Zool. Soc., **1903**, 2, (195).

Atlantotlos n. gen., *A. rhombifer* n.
sp. **Doflein**, F. Brachinra Tiefsee-
Expedition, Bd 6, 1904, (49-50).

Atyaephyra desmarestii, variation.
Brožek, A. Prag, SitzBer. Böhm. Ges.
Wiss., **1904**, No. 11, (67); rés. (68-71,
1 Taf.).

Betacius harrimani n. sp. Alaska.
Rathbun, M. J. In: Alaska (Harriman
Expedition). New York, **10**, 1901,
(108).

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Bražnikov, D. St. Petersburg, Ann.
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Borradaile, L. A. Fauna Mald.
Laccad. Arch., **2**, pt. 3, 1904, (752, pl.
LVIII, fig. 2); *C. (Trypaea) maldivensis*
n. sp. Maldive Islds. **Borradaile**, L. A.
l.c. (753, pl. LVIII, fig. 3).

Cambarus, environmental effects.
Harris, J. A. Lawrence, Kan.
Univ. Sci. Bull., **2**, 1903, (51-187,
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M. I. Dissertation . . . M. A. . . .
University of Missouri, Missouri. In:
Columbia, Univ. Mo. Stud., **2**, No. 4,
1904, ([viii] + 47, with pl.); *C. affinis*,
breeding habits. **Andrews**, E. A. Amer.
Nat., Boston, Mass., **38**, 1901, (165-206,
with text fig.); *C. bartoni*, teratological
variation. **Andrews**, E. A. Wood's
Hall, Mass., Mar. Biol. Lab. Bull., **6**,
1904, (75-83, with text fig.); *C. viridis*,
appendages. **Moenkhaus**, W. J. Bloom-
ington, Cont. Zool. Lab. Indiana Univ.,
No. **53** in Indianapolis, Ind. Proc.
Acad. Sci., **1902**, 1903, (111-112, with
text fig.).

Cancer pagurus, abnormal chelae.
Scherren, H. London, Proc. Zool. Soc.,
1903, 2, (195); *C. pagurus*, breeding

habits, post-larval development, rate of growth, etc. **Williamson**, H. C. Glasgow, Rep. Fish. Board, **22**, pt. 3, 1904, (100-140, pls. 1-V); *C. pagurus*, ecdysis. **Witten**, E. P. Edinburgh, Rep. Lab. R. Coll. Physn., **9**, No. 19, 1904, (1-7, with 9 text figs.).

Caphyra monticelli n. sp. **Nobili**, G. Napoli, Annuario Museo zool., (N. Ser.), **1**, No. 3, 1901, (1-20).

Carcinus moenas, proportions of sexes. **Punnett**, R. C. Cambridge, Proc. Phil. Soc., (4), **12**, 1904, (283-296); *C. moenas*, breeding habits, post larval development, etc. **Williamson**, H. C. Glasgow, Rep. Fish. Board, **22**, pt. 3, 1904, (100-140, pls. (I-V).

Chlorodius bidentatus n. sp. (?) **Nobili**, G. Napoli, Annuario Museo zool., (N. Ser.), **1**, No. 3, 1901, (1-20).

Coralliocaris lucina n. sp. **Nobili**, G. l.e. (1-20).

Crangon spp., colour - physiology. **Keeble**, F. and **Gamble**, F. W. London, Phil. Trans. R. Soc., (Ser. B.), **196**, 1904, (295-388); *C. lockingtonii* n. sp. Lower California. **Holmes**, S. J. San Francisco, Proc. Cal. Acad. Sci. Zool., (Ser. 3), **3**, 1904, (312); *C. vulgaris*, fishery problems. **Herdman**, W. A. Liverpool, Proc. Trans. Biol. Soc., **18**, 1904, (157-167).

Dromia atlantica n. sp. **Doflein**, F. Brachiura. Tiefsee-Expedition, Bd **6**, 1904, (10).

Ebalia salamensis n. sp. **Doflein**, F. l.e. (47).

Elliptodactylus n. gen., *E. rugosus* n. sp. **Doflein**, F. l.e. (93-94).

Ethusa nn. spp. **Doflein**, F. l.e. (28-30).

Euconaxius nn. spp. Sweden. **Trybom**, F. Ark. Zool., Stockholm, **1**, 1904, (383-393, with 2 pls.).

Eupagurus longicarpus, metamorphosis. **Thompson**, M. T. Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2**, 1901, (350-351).

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Hippolyte spp., colour - physiology. **Keeble**, F. and **Gamble**, F. W. London, Phil. Trans. R. Soc., (Ser. B), **196**, 1904, (295-388).

Homalodromia bonvicini n. sp. **Doflein**, F. Brachiura. Tiefsee-Expedition, Bd **6**, 1904, (1).

Homarus americanus, causes of death in artificially reared species. **Gorham**, F. P. Washington, D.C., Rep. U. S. Com. Fish, **1903**, 1901, (175-193, with pl.); *H. americanus*, experiments in rearing. **Sherwood**, H. l.e. (149-171, with text-fig., pl.); *H. americanus*, **Smith**, H. M. l.e. (141-147, with pl.); *H. americanus*, propagation of. U. S. COMMISSION OF FISH AND FISHERIES. Washington, D.C., 1901, (195-238, with 10 pl., diag.); *H. vulgaris*, Fang, Häutung, Wachstum, Vermehrung, künstliche Zucht. **Ehrenbaum**, [E.]. Fischereitztg, Neudamm, **6**, 1903, (417-422, 433-436, 449-452, 465-467); *H. vulgaris*, formation des tétrades et divisions maturatives dans les testicules. **Labbé**, A. Paris, C.-R. Acad. sci., **138**, 1904, (96-98).

Homolochunia n. gen., *H. valdiviae* n. sp. **Doflein**, F. Brachiura. Tiefsee-Expedition, Bd **6**, 1904, (21-22).

Homologenus braueri n. sp. **Doflein**, F. l.e. (18).

Hyastenus brevirostris n. sp. **Doflein**, F. l.e. (85).

Lepidophthalmus n. gen., *L. eiseni* n. sp. Lower California. **Holmes**, S. J. San Francisco, Proc. Cal. Acad. Sci., Zool., (Ser. 3), **3**, 1904, (310-311).

Lophomastix n. gen., *L. diomedea* n. sp. Pacific Ocean. **Benedict**, J. E. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (621-625, with text-fig.).

Lybia n. nom. = *Melia* Latreille. **Rathbun**, M. J. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (102).

Munidopsis polymorpha, remarkable habitat. **Calman**, W. T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (213-218, 1 text-fig.).

Nephrops norvegicus, variation of ♂ gen. apertures and proportions of sexes. **McIntosh**, D. C. Cambridge, Proc. Phil. Soc., **12**, 1904, (141-144); *N. norvegicus*, general account of structure. **Meek**, A. The Norway Lobster. Newcastle-on-Tyne, 1903, (1-22, with 3 pls.).

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 nu. spp. Calman, W. T. *l.c.* (160—
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TRILOBITA. XIPHOSURA. EURYPTERIDA.
PANTOPODA. TARDIGRADA. LINGUATULIDA.

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The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Ilacnurus columbiana† n. sp. New Jersey. Ordovician. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (133, pl. V).

Ilacnus†, notes and figures of species. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **58**, 1904, (54-72, pls. VIII-X); *I.*† nn. spp. Silurian, Ayrshire. **Reed**, F. R. C. l.c. (56, 61, 68, pls. VIII-X).

Lichas (Corydocephalus) anglicus†, *L. geikei*†. **Reed**, F. R. C. l.c. (95-96, pls. XIII, XIV).

Linostracina† n. gen., *L. krausei* n. sp. China. **Monke**, H. Berlin, Jahrb. geol. Landesanst., **23**, (1902), 1903, (103-151, mit 7 Taf.).

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Metadoxides bornemanni† **Menegh.** Portugal. **Delgado**, J. F. N. Lisboa, Com. Trab. Geol., **5**, 1904, (345).

Microdiscus†, description of genus; nn. spp. Portugal. **Delgado**, J. F. N. l.c. (348-354).

Nileus armadillo Dalm.† **Wiman**, C. Stockholm, Geol. För. Förh., **26**, 1904, (87-90, with pl.).

Olenellus (?) *macphersoni*† n. sp. Portugal. **Delgado**, J. F. N. Lisboa, Com. Trab. Geol., **5**, 1904, (347).

Olenopsis† sp. Portugal. **Delgado**, J. F. N. l.c. (325).

Paradoxides†, description of genus; nn. spp. Portugal. **Delgado**, J. F. N. l.c. (318-324).

Phacops†, notes and figs. of species. **Reed**, F. R. C. Geol. Mag., London, (Ser. 5), **1**, 1904, (383-386, pl. XII); *P. robertsi*†, n. sp. (?) Silurian, Haverfordwest. **Reed**, F. R. C. l.c. (106, pl. V).

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Proetus†, notes and figs. of species. **Reed**, F. R. C. l.c. (74-81, pl. XI); *P.*† nn. spp. New Jersey. Ordovician and Silurian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (248, 296, 195, 197, 249-250, pls. XIV, XXII-XXIII); *P. pseudolatifrons*† n. sp. Silurian, Ayrshire. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **58**, 1904, (78, pl. XI, figs. 7-9).

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Ptychopyge jerseyensis† n. sp. New Jersey. Ordovician. **Weller**, S. l.c. (117, pl. I).

Schmalenscia† n. gen., *S. amphionura* n. sp. **Moberg**, J. C. Stockholm, Geol. För. Förh., **25**, 1903, (93-102, pl. IV).

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SPECIAL.

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Ammothella nn. spp. California. **Cole**, L. J. Alaska (Harriman Expedition), New York, **10**, 1904, (273-275).

Anoplodactylus erectus n. sp. California. **Cole**, L. J. *l.c.* (289); *A. insignis: bermudensis* n. subsp. Bermuda. **Cole**, L. J. Boston, Mass., *Proc. Soc. Nat. Hist.*, **31**, 1904, ([315]-328 + 31, with pl.).

Clotenia occidentalis n. sp. California. **Cole**, L. J. Alaska (Harriman Expedition), New York, **10**, 1904, (281).

Halosoma n. gen., *H. viridintestinalis* n. sp. California. **Cole**, L. J. *l.c.* (286).

Lecythorhynchus marginatus n. sp. California. **Cole**, L. J. *l.c.* (260).

Nymphon longicaudatum n. sp. Ceylon. **Carpenter**, G. H. Rep. Ceylon Pearl Fish., **2**, 1904, Supp. Rep. 13, (183, figs. 8-14).

Pentanympyon n. gen., *P. antarcticum* n. sp. McMurdo Bay, 12-125 fms. **Hodgson**, T. V. *Ann. Mag. Nat. Hist.*, London, (Ser. 7) **14**, 1904, 459, pl. XIV, and text-figs.).

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GENERAL.

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SPECIAL.

Diphascon spitzbergense n. sp. **Richters**, F. *In*: Fauna Arctica, Jena, **3**, 1904, (493-508).

Echiniscus nn. spp. **Richters**, F. *l.c.* (193-508); *E.* nn. spp. Island. **Richters**, F. *Zool. Anz.*, Leipzig, **28**, 1904, (373-377); *E. conifer* n. sp. **Richters**, F. Frankfurt a. M., *Ber. Senckenb. Ges.*, **1904**, (73-74, mit 1 Taf.); *E. kerguelensis* n. sp. **Richters**, F. *Verh. D. zool. Ges.*, Leipzig, **14**, 1904, (236-239); *E. spiniger* n. sp. Skandinavien. **Richters**, F. *Zool. Anz.*, Leipzig, **28**, 1904, (347-352).

Macrobiotus nn. spp. **Richters**, F. *In*: Fauna Arctica, Jena, **3**, 1904, (493-508); *M.* nn. spp. **Richters**, F. *Verh. D. zool. Ges.*, Leipzig, **14**, 1901, (236-239); *M. islandicus* n. sp. Island. **Richters**, F. *Zool. Anz.*, Leipzig, **28**, 1904, (373-377); *M. macronyx*. **Richters**, F. *Prometheus*, Berlin, **16**, 1901, (198-200).

LIST OF NEW GENERA AND SPECIES.

- AGNOSTUS [Trilobita].
 ————— *koerferi*†. Monke. 24.
- AMMOTHEA [Pantopoda].
 ————— *alaskensis*. Cole. 7.
 ————— *brevicauda*. Loman. 19.
 ————— *gracilipes*. Cole. 7.
 ————— *latifrons*. Cole. 7.
 ————— *pribilofensis*. Cole. 7.
- AMMOTHELLA [Pantopoda].
 ————— *spinifera*. Cole. 7.
 ————— *tuberculata*. Cole. 7.
- ANOMOCARE [Trilobita].
 ————— *parrula*†. Weller. 39.
- ANOPLODACTYLUS [Pantopoda].
 ————— *erectus*. Cole. 7.
 ————— *insignis*: *bermudensis*
 n. subsp. Cole. 6.
- ARGES [Trilobita].
 ————— *tuberculatus*†. Weller. 39.
- BRONTEOPSIS [Trilobita].
 ————— *ardmillanensis*†. Reed. 29.
- BRONTEUS [Trilobita].
 ————— *craigensis*†. Reed. 29.
 ————— *grayi*†. Reed. 29.
- BUMASTUS [Trilobita].
 ————— *elongatus*†. Weller. 29.
 ————— *transversalis*†. Weller. 29.
- CLOTENIA [Pantopoda].
 ————— *occidentalis*. Cole. 7.
- CYPHASPIS [Trilobita].
 ————— *trentonensis*†. Weller. 39.
- DALMANITES [Trilobita].
 ————— *aspinosa*†. Weller. 39.
- DIKELOCEPHALUS [Trilobita].
 ————— *florentinensis*†. Etheridge.
 9.
 ————— *newtonensis*†. Weller. 39.
- DIPHASCON [Tardigrada].
 ————— *spitzbergenae*. Richters. 36.
- DREPANURA [Trilobita].
 ————— *ketteleri*†. Monke. 24.
- ECHINISCUS [Tardigrada].
 ————— *blumi*. Richters. 36.
 ————— *conifer*. Richters. 35.
 ————— *crassus*. Richters. 32.
 ————— *islandicus*. Richters. 32.
 ————— *kerquelensis*. Richters. 33.
 ————— *merokensis*. Richters. 36.
 ————— *oihonnae*. Richters. 36.
 ————— *spiniger*. Richters. 31.
 ————— *wendii*. Richters. 36.

- ENCORINURUS [Trilobita].
 ————— *indianensis*†. Kindle and
 Breger. 15.
- HALOSOMA n. gen. [Pantopoda]. Cole. 7.
 ————— *viridintestinalis*. Cole. 7.
- HICKSIA† n. gen. [Trilobita]. Delgado. 8.
 ————— *barroisi*†. Delgado. 8.
 ————— *castroi*†. Delgado. 8.
 ————— *decalquei*†. Delgado. 8.
 ————— *elvensis*†. Delgado. 8.
 ————— *lughesi*†. Delgado. 8.
 ————— *minuta*†. Delgado. 8.
 ————— *sphaerica*†. Delgado. 8.
 ————— *transtaganensis*†. Delgado.
 8.
 ————— *walcotti*†. Delgado. 8.
- ILLAENURUS [Trilobita].
 ————— *columbiana*.† Weller. 39.
- ILLAENUS [Trilobita].
 ————— *balelatchiensis*†. Reed. 29.
 ————— *extensus*†. Reed. 29.
 ————— *shallochenensis*. Reed. 29.
- LECYTHORHYNCHUS [Pantopoda].
 ————— *marginatus*. Cole. 7.
- LINOSTRACINA† n. gen. [Trilobita]. Monke.
 24.
 ————— *krausei*†. Monke. 24.
- MACROBIOTUS [Tardigrada].
 ————— *antarcticus*. Richters. 33.
 ————— *coronifer*. Richters. 36.
 ————— *crenulatus*. Richters. 36.
 ————— *echinogenitus*. Richters.
 36.
 ————— *granulatus*. Richters. 36.
 ————— *islandicus*. Richters. 32.
 ————— *vanhöffeni*. Richters. 33.
- MICRODISCUS [Trilobita].
 ————— *caudatus*†. Delgado. 8.
 ————— *souzai*†. Delgado. 8.
 ————— *subcaudatus*†. Delgado. 8.
 ————— *wenceslasi*†. Delgado. 8.
 ————— *woodwardi*†. Delgado. 8.
- NYMPHON [Pantopoda].
 ————— *longicaudatum*. Carpenter.
 4.
- OLENELLUS [Trilobita].
 ————— *macphersoni*†. Delgado. 8.
- PARADOXIDES [Trilobita].
 ————— *choffati*†. Delgado. 8.
 ————— *costae*†. Delgado. 8.
- Pentanympyon n. gen. [Pantopoda].
 Hodgson. 13.
 ————— *antarcticum*. Hodgson. 13.
- PHACOPS [Trilobita].
 ————— *robertsi*†. Reed. 29.

- PROXICHILUS** [Pantopoda].
 ——— *mollis*. Carpenter. 4.
PIPETTA n. gen. [Pantopoda]. Loman.
 ——— 18.
 ——— *ueberi*. Loman. 18.
PRESTWICHIA [Xiphosura].
 ——— *signata*. Beecher. 2.
PROETUS [Trilobita].
 ——— *breximarginatus*†. Weller.
 ——— 39.
 ——— *depressus*†. Weller. 39.
 ——— *latimarginatus*†. Weller.
 ——— 39.
 ——— *pseudolatifrons*†. Reed. 29.
 ——— *spinosa*†. Weller. 39.
 †**PTYCHOPARIA** [Trilobita].
 ——— *blairi*. Weller. 39.
 ——— *newtonensis*†. Weller. 39.
PTYCHOPYGE [Trilobita].
 ——— *jerseyensis*†. Weller. 39.
PYCNOGONUM [Pantopoda].
 ——— *microps*. Loman. 19.
SCHMALENSEEIA | n. gen. [Trilobita].
 ——— Moberg. 23.
 ——— *amphionura*†. Moberg. 23.
STEPHANOCARE† n. gen. [Trilobita].
 ——— Monke. 24.
 ——— *richthofeni*†. Monke. 24.
TANSTYLUM [Pantopoda].
 ——— *intermedium*. Cole. 7.
TEINISTION† n. gen. [Trilobita]. Monke.
 ——— 24.
 ——— *lansi*†. Monke. 24.

3003-3031 ARACHNIDA.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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gnosen neuer oder wenig bekannter *Galeodes* und *Paragaleodes* Arten. III. Bestimmungstabelle der mir bekannten Central- und Vorderasiatischen *Galeodes* Arten. IV. Zur Kenntnis der postembryonalen Entwicklung der äusseren Körperform bei *Galeodes araneoides* Pal. V. Diagnosen neuer oder wenig bekannter *Daesia*, *Gluciopsis* und *Rhagodes* Arten. St. Petersburg, Ann. Mus. zool. Ac. Sc., **9**, 1904, (391–416). [3015 3027 *eh* 3031]. 13

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——— 64. Die Wohnungsmilben als gelegentliche Parasiten des Menschen.

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Warburton, C. 131. The Arachnida.

——— and **Pearce, N. D. F.** 133. Exhibition of Oribatid mites taken in the neighbourhood of Cambridge.

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Dendryphantus floridanus n. sp. Florida. **Banks**, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (138); *D. guttatus* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (358).

Diaea multimaculata n. sp. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (105, figs. 30 and 31).

Dictyna calcarata n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (342); *D. floridana* n. sp. Florida. **Banks**, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (125); *D. togata* n. sp. Chili. *D. fuegiana*, suppl. description. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (84-85); Rev. chilena, Valparaíso, **8**, 1901, (47).

Dictynina n. gen., *D. pallida* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (312).

Dictyolathys californica n. sp. California. **Banks**, N. l.c. (343).

Diecyphus cornutus Blackw. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (9, pl. I, fig. 2).

Diores nn. spp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S.

Afr. Mus., **3**, 1904, (117, pl. IX, figs. 5 and 6).

Diphyia nn. spp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Pih., Afd. IV, **28**, No. 1, 1902, (26-32).

Diplocephalus fuscipes. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (9, pl. I, fig. 4).

Diplogena n. gen., *D. capensis* n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afr. Phil. Soc., **15**, 1904, (169-170).

Diplotychus n. gen., *D. longulus* n. sp. **Simon**, E. Paris, Bul. soc. ent., **1903**, (123-124).

Dipoena pictipes n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (315).

Dolomedes, intorno ai [loro] costumi. **Trani**, E. Boll. Naturalista, Siena, **22**, 1902, (21-23).

Drassinella n. gen., *D. modesta* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (335).

Drassodes californica n. sp. California. **Banks**, N. l.c. (338).

Dresserus nn. spp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afr. Phil. Soc., **15**, 1904, (139-140, pl. X, figs. 9 and 10).

Drymusa nn. spp. Cape Colony. **Purcell**, W. F. l.c. (152-153, pl. XI, figs. 24-26).

Ectatostica troglodytes Higg. and Pett. descr. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (327, pl. XLVI, figs. 1-4).

Edricus, definition, notes and figures of species. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (499-500, pls. XLVII-XLIX).

Emplesiogonus n. gen., *E. striatus* n. sp. **Simon**, E. Paris, Bul. soc. ent., **1903**, (123-124).

Enidia n. nom. for *Diecyphus* Menge preec. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (115).

Enoplognatha nn. spp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (149-151, pl. X, figs. 1 and 2).

Entelecara acuminata Wid. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1901, (9, pl. 1, fig. 1).

Epeira bifurcata Keyserl. = *Cyclosa ualckenaeri* O. P. Cambr., *E. cambridgei* Keyserl. = *E. illicita* O. P. Cambr., *E. nara* O. P. Cambr. = *E. scutigera* O. P. Cambr., *E. fecunda* O. P. Cambr., *E. incerta* O. P. Cambr., *E. nigrumeralis* O. P. Cambr. = *E. detrimentoza* O. P. Cambr., *E. destrieta* O. P. Cambr. = *E. consequa* O. P. Cambr. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1901, (196-518); *E. floridensis* n. sp. Florida. **Banks**, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1901, (129); *E. libera* n. sp. **Leardi-Airaghi**, **40**, Milano, Atti Soc. ital. sc. nat., **40**, fasc. 4^a, 1902, (345-373); *E. tricolor* n. sp. **Leardi-Airaghi**, Z. l.c. **41**, 1902, (20).

Epiblemum palpalis n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (360).

Episinus dusénii n. sp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (14-16).

Erigone californica n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (347).

Erigonidium n. gen., type *Erigone graminicola* Sund. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (112).

Ero ligurica n. sp. ? **Kulczyński**, V. [W.]. Kraków, Bull. Intern. Acad., **1904**, (543); *E. nicoleti* n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (96-97); Rev. chilena, Valparaiso, **8**, 1901, (59-60).

Euryopsis californica n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (345).

Eustala, def. and key of Centr. Amer. species, notes and figs. of species; nn. spp. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1901, (503-510, pl. XLVIII).

Erophrys laetata n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (114); Rev. chilena, Valparaiso, **8**, 1901, (77).

Falconeria n. gen., type *Nerienne cornuta* Blackw. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (115).

Gasteracantha, definition and key to species, notes and figs. of species. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (521-525, pl. LI).

Gayenna nn. spp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (60-65); *G. californica* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (338); *G. trimaculata* n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (102); Rev. chilena, Valparaiso, **8**, 1901, (65).

Geolycosa n. gen., *G. texana*, *G. latifrons* nn. spp. Texas. **Montgomery**, T. H., jun. Austin, Cont. Zool. Lab., Univ. Tex. No. 57, in Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1901, (292-293).

Glyptogona, note. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (523).

Gnaphosa californica n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (335). *G. pseudolapponica* n. sp. **Strand**, E. Kristiania, Forh. Vid. selsk., **1904**, No. 5, (6).

Gnolus nn. spp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (43-50).

Gonglydium alascensis n. sp. Alaska. **Banks**, N. [Reprinted from Washington, D.C., Proc. Acad. Sci., **2**, 1900, (477-486).] Alaska (Harriman Expedition), New York, **8**, 1904, (34-46, with pl.).

Harpactirella schwarzi n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (126).

Hemiclaea, ethology, etc. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (318).

Hentzia, new definition, *H. trivittata*. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (523, pl. LI, figs. 12, 13).

Herpyllus angustus n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1901, (337).

Heterodictyna (~ *Dictyna*) n. gen. **Dahl**, F. Berlin, Sitzber. Ges. natf. Freunde, **1904**, (118).

Heteropoda regia, captured at University College, London, exhibition. **Minchin**, E. A. London, Proc. Zool. Soc., 1904, 2, (229).

Idiops punguensis n. sp. Mozambique. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., 15, 1904, (116).

Iphtoesis n. gen., *I. echinipes* n. sp. **Simon**, E. Paris, Bul. soc. ent., 1903, (123-124).

Isopoda striatipes n. sp. **Leardi-Airaghi**, Z. Milano, Atti Soc. ital. sc. nat., 40, fasc. 4, 1902, (345-373).

Kaira, def. and key to species, notes and figs. of species. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., 2, 1904, (522, pl. 11, figs. 9-11).

Lampona, ethology, etc. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., 5, 1904, (321).

Landana edwardsi n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (94-95); Rev. Chilena, Valparaiso, 8, 1904, (56-57).

Lathrodectes tredecim-guttatus Rossi s. Kara-Kurt. (Russ.) **Rossikov**, K. V. Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg, 5, No. 2, 1904, (1-232, mit 29 Fig., 4 Taf. u. 1 Karte).

Latrodectus nn. spp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afric. Mus., 3, 1904, (152-154, pl. X, figs. 4 ♂-3 ♀).

Lephtyphanthus nn. spp. **Kulczyński**, V. [W.] Kraków, Bull. Intern. Acad., 1904, (533-540); *L. alascensis* n. sp. Alaska. **Banks**, N. [Reprinted from Washington, D.C., Proc. Acad. Sci., 2, 1900, (477-486).] Alaska (Harriman Expedition), New York, 8, 1904, (34-46, with pl.).

Leptoneta californica n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 3, 1904, (333).

Linyphia aysenensis n. sp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, 28, No. 1, 1902, (18-19); *L. interpolis* n. sp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afric. Mus., 3, 1904, (161, pl. XII, fig. 3); *L. limatula* n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (93-94); Rev. chilena, Valparaiso, 8, 1904, (55-56).

Liparotoma villosa n. sp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, 28, No. 1, 1902, (66-67).

Lophocarenum fasciatum n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 3, 1904, (347).

Loxosceles spinulosa n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afr. Phil. Soc., 15, 1904, (140).

Lucrinus n. gen., *L. putus* n. sp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afr. Mus., 3, 1904, (162, pl. XII, fig. 4).

Lycosa nn. spp. Florida. **Banks**, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (134-135); *L.* nn. spp. Texas. **Montgomery**, T. H., jun. Austin, Cont. Zool. Lab., Univ. Tex. No. 57, in Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (261-320, with pl.); *L.* nn. spp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (112-113); Rev. chilena, Valparaiso, 8, 1904, (75-77); *L. nidicola* = *L. helluo* Walck., *L. kochi* Emert. and Bank (non Keyserling) = *L. pulchra* Keyserl., *L. purcelli* Montgomery = *L. kochi* Keyserl.; *L. permunda* n. sp. Kansas. **Chamberlin**, R. V. Canad. Ent., Toronto, 36, 1904, (286); *L. pacifica* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 3, 1904, (354); *L. perkinsi* n. sp. Sandwich Islds. **Simon**, E. Fauna Hawaiiensis, Cambridge, 2, 1904, (343).

Mahadiva reticulata O. P. Cambr. = *Verrucosa arenata*. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., 2, 1904, (482).

Mangora, def. and key to species, notes and figs. of species; nn. spp. **Cambridge**, F. O. P. *l.c.* (477-480, pl. XLV).

Marxia, def. *M. stellata*. **Cambridge**, F. O. P. *l.c.* (481, pl. XLV, figs. 21, 22).

Mecaphesa perkinsi n. sp. Sandwich Islds. **Simon**, E. Fauna Hawaiiensis, Cambridge, 2, 1904, (342).

Megamyrmeleon gayi n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (89); Rev. chilena, Valparaiso, 8, 1904, (51-52).

Melanophora porteri n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (89-90); Rev. chilena, Valparaiso, 8, 1904, (52).

Menneus dromedarius n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afr. Phil. Soc., **15**, 1901, (127).

Meta nn. spp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (19-24).

Metacyrba similis n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (360).

Metazygia n. gen., type *Epeira wittfeldae* McCook, def. and key to species. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (501, pl. XLVII).

Merianes n. gen., *M. delfini*, *M. wilsoni* nn. spp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (110-112); Rev. chilena, Valparaiso, **8**, 1904, (74-75).

Miagrammopes constrictus n. sp. Natal. **Purcell**, W. F. Cape Town, Trans. S. Afr. Phil. Soc., **15**, 1904, (130).

Micaria norvegica n. sp. **Strand**, E. Kristiania, Forh. Vid. selsk., **1904**, **5**, (16).

Micrathena, def. and key to species, notes and figs. of species; nn. spp. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (525-539, pl. L-LI).

Midamus ceylonicus n. sp. **Leardi Airaghi**, Z. Milano, Atti Soc. ital. sc. nat., **40**, fasc. 4^e, 1902, (345-373).

Migas paradoxus L. Koch, from Wanganui, New Zealand, note. **Hogg**, H. R. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (68, with text-fig.).

Mimetus maculosus n. sp. N. S. Wales. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (330, pl. XLVII, figs. 5 and 6, text-figs. 10-12).

Mnesitheus asper. **Tullgren**, A. Entomol. Tidskr., Stockholm, **23**, 1902, (289-294).

Moero n. gen., *M. quadrimaculata* n. sp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (156-157, pl. XI, fig. 6).

Moggridgea nigra n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (115).

Myndes dentifer n. sp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (69-71).

Myro multidentata n. sp. South Chile. **Tullgren**, A. l.c. (72-73).

Neoseona, def. and key to species, notes and figs. of species; nn. spp. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (166-173, pls. XLIV).

Neoseconella n. gen., def. key, *N. styligera*, *N. guttata*, nn. spp. **Cambridge**, F. O. P. l.c. (474-477, pl. XLV).

Olbus sparassoides, description. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (99); Rev. chilena, Valparaiso, **8**, 1904, (60-62).

Orsolobus chelifer n. sp. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (10-11).

Pacificana n. gen., *P. cockayni* n. sp. Bounty Isld. **Hogg**, H. R. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (65, 66).

Papilagon beatus Cambr. = *Pronous tuberculifer* Keyserl. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (541).

Parastrophus n. gen., *P. echinosoma* n. sp. **Simon**, E. Paris, Bul. soc. ent., **1903**, (123-124).

Parawixia n. gen., type *Epeira destriata* Cambr. def., key to species, *P. hamata*, *P. tredecimnotata* nn. spp. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (487-490, pl. XLVI).

Pardosa nn. spp. Texas. **Montgomery**, T. H., jun. Austin, Cont. Zool. Lab., Univ. Tex., No. **57**, in Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (263-270); *P. atromedia* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (355); *P. floridana* n. sp. Florida. **Banks**, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (136).

Pellenes nn. spp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (359).

Pelmatorycter pallidipes n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (120).

Philisca (Cluilins) accentifera n. sp., Chili; *P. (C.) chilensis*, description. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (100-102); Rev. chilena, Valparaiso, **8**, 1904, (64).

Philodromus floridensis n. sp. Florida. **Banks**, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (133); *P. moestus* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (353).

Physoglenes n. gen., *P. virens* n. sp. Chili. **Simon**, E. Bruxelles, Ann. soc. ent., Belgique, **48**, 1904, (87-88); Rev. chilena, Valparaiso, **8**, 1904, (49-50).

Pionaces n. gen., *P. major* n. sp. Chili. **Simon**, E. Bruxelles, Ann. soc. ent. Belgique, **48**, 1904, (107-108); Rev. chilena, Valparaiso, **8**, 1904, (70-72).

Pirata aspirans n. sp. N. America. **Chamberlin**, R. V. Canad. Ent., Toronto, **36**, 1904, (286); *P. californica* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (356); *P. sedentarius* n. sp. Texas. **Montgomery**, T. H., jun. Austin, Cont. Zool. Lab., Univ. Tex. No. **57**, in Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (312); *P. vacourana* Scheffer = *P. agilis*. **Chamberlin**, R. V. Canad. Ent., Toronto, **36**, 1904, (148).

Pocadicnemis pumilus Blackw. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (pl. I, fig. 5).

Poeclilata venusta n. sp. N. S. Wales. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (333, pl. 46, figs. 7-9).

Poltyx salebrosus n. sp. **Rainbow**, W. J. l.c. (104, figs. 28, 29).

Polybetes delfini n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (99-100); Rev. chilena, Valparaiso, **8**, 1904, (62-63).

Porteria n. gen., *P. albopunctata* n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (109-110); Rev. chilena, Valparaiso, **8**, 1904, (72-73).

Priperia n. gen., *P. bicolor* n. sp. Sandwich Islds. **Simon**, E. Fauna Hawaiiensis, Cambridge, **2**, 1904, (310).

Prodidomus nn. spp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (170-192, pl. 11, figs. 39-42).

Pseudoximus pallidus n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (133, pl. X, fig. 4).

Romphaea longa n. sp. **Kulczyński**, V. [W.] Kraków, Bull. Intern. Acad., **1904**, (533).

Saitis nn. spp. **Kulczyński**, V. [W.] l.c. (545-546).

Schizocosa n. gen. type *Lycosa ocreata* Hentz, incl. also *L. venustata* Hentz and *L. humuli* Banks. **Chamberlin**, R. V. Canad. Ent., Toronto, **36**, 1904, (148).

Seoloderus key and notes and figs. of species. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (521, pl. LI).

Seytodes nn. spp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (141-148, pl. X, figs. 11-23).

Segestriella n. gen., *S. gryllotalpa* n. sp. Cape Colony. **Purcell**, W. F. l.c. (163).

Seothyra fasciata n. sp. Kalahari, S. Africa. **Purcell**, W. F. l.c. (138, pl. X, fig. 8).

Singa lutea O. P. Cambr. = *S. flava* O. P. Cambr. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (518).

Sphyrrotinus delfini n. sp. Chili. **Simon**, E. Bruxelles, Ann. soc. ent. Belgique, **48**, 1904, (92-93); Rev. chilena, Valparaiso, **8**, 1904, (55).

Spiroctenus nn. spp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (121-125).

Stegodyphus nn. spp. Cape Colony. **Purcell**, W. F. l.c. (131-135, pl. X, fig. 5-6).

Stephanopsis antennata n. sp. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (52-54).

Storena, ethology, etc. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (323).

Synaema rufithorax n. sp. Sandwich Islds. **Simon**, E. Fauna Hawaiiensis, Cambridge, **2**, 1904, (312).

Tafana n. gen., *T. riveti* n. sp. **Simon**, E. Paris, Bul. soc. ent., **1903**, (123-121).

Tama, ethology, etc. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (324).

Terupis n. gen., *T. bicolor* n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (103); Rev. chilena, Valparaiso, **8**, 1904, (66).

Tentana nn. spp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (154-156, pl. XI, figs. 2, 3).

Thallumetus nn. spp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (85-86); Rev. chilena, Valparaiso, **8**, 1904, (47-48).

Theridion nn. spp. Cape Colony, Natal. **Cambridge**, O. P. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (157-159, pls. XI-XII); *T. fuegianum* n. sp. Chili; *T. attritum*, *T. spinipes*, description. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (90-92); Rev. chilena, Valparaiso, **8**, 1904, (53-54); *T. bösenbergi* Strand n. nom. [= *Th. bertkani* Bosenb.] **Strand**, E. Ent. Zs., Guben, **18**, 1901, (89-90); *T. californicum* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (344).

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Tricantha tricornis E. Sim., new descript. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arachn. Aran., **2**, 1901, (510).

Trochosa noctuabunda n. sp. Texas. **Montgomery**, T. H. jun. Austin, Cont. Zool. Lab., Univ. Tex., No. **57**, in Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (301); *T. singoriensis* Lamx., geographische Verbreitung. **Csiki**, E. Állatt. Közlem., Budapest, **3**, 1904, (290-294).

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Verrucosa def. and key to species, notes, and figs. of species. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1901, (181-183, pl. XLV, figs. 23-26).

Wagneriana n. nom. for *Wagneria* McCook preocc., def. and key to species, notes, and figs.; *W. carinata* n. sp. **Cambridge**, F. O. P. l.c. (197-199, pl. XLVII).

Walckenaera acuminata Blackw. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1901, (pl. I, figs. 7, 8).

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Zelotes nn. spp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1901, (336).

SOLIFUGAE.

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Galeodes nn. spp.; *G. baillifer* Pocock, *G. arancoides* Pal., Beschreibung postembryonaler Entwicklung. **Birulia**, A. l.c. (394-400, 405-406).

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Grimshaw, P. H. Chernetidea in Ayrshire. Ann. Scot. Nat. Hist., Edinburgh, **1904**, (195).

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Chelifer nn. spp. L'Equator. **Ellingsen, E.** Paris, Mém. soc. zool., **15**, 1902, (146-158).

Chernes nodosus, note on occurrence in Lincolnshire. **Kew, H. W.** Naturalist, London, **1904**, (292).

Chthonius nn. spp. Ecuador. **Ellingsen, E.** Paris, Mém. soc. zool., **15**, 1902, (162-164).

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Cynorta def., key to Centr.-Am. spp. and nn. spp. **Cambridge, F. O.** Pickard. Biol. Centr.-Amer., London, **1904**, (554-559, pl. 52, figs. 9-17).

Erginoides n. gen., *Cosmetidae*, *E. tarsalis* n. sp. Costa Rica. **Cambridge, F. O.** Pickard. l.c. (553, 554, pl. 52, fig. 7).

Erginus E. Sim. def. and key to Centr. Am. species. **Cambridge, F. O.** Pickard. l.c. (559).

Gibocellum sudeticum Stecker, species non existens. **Hansen, H. and Sørensen, W.** On two Orders of Arachnida, etc. Cambridge, 1904, (67-75).

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Miopsalis Thorell. **Hansen, H. and Sørensen, W.** On Two Orders of Arachnida, etc. Cambridge, 1904, (99).

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Pararonones n. gen., *Cosmetidae*, nn. spp. **Cambridge**, F. O. Pickard. Biol. Centr.-Amer., London, **1904**, (551-553, pl. 52, figs. 1-5).

Pettalus Thorell, notes and figs. of species. **Hansen**, H. and **Sørensen**, W. On two Orders of Arachnida, etc. *l.c.* (102-104, pl. III).

Purcellia n. gen., *P. illustrans* n. sp. **Hansen**, H. and **Sørensen**, W. *l.c.* (105-106, pl. III, fig. 4).

Siro Latr., notes and figures of species. **Hansen**, H. and **Sørensen**, W. *l.c.* (107-109, pls. IV, V).

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Acaropediunculoides ventricosus, note. **Barreda**, L. de la. Com. Parasit. Agrícola, Mexico, **1904**, (16-31)

Anocetus nn. spp. **Oudemans**, A. C. 's Gravenhage, Tijdschr. Ent., **47**, 1904, (132-131).

Argas andresi n. sp. **Mariani**, M. Zool. Anz., Leipzig, **27**, 1904, (704-706); *A. mombata*, characters, synonymy, etc. **Christy**, C. and **Pocock**, R. I. Liverpool, Thompson-Yates Lab. Rep., **5**, Pt. 1, 1904, (187-189, pl. XV).

Arrenurus morrisoi n. sp. Wisconsin. **Marshall**, R. Madison, Trans. Wis. Acad. Sci., **14**, (1903), 1904, ([520]-526); *A. simplex* n. sp. Seeland. **Koenike**, F. Zool. Anz., Leipzig, **27**, 1904, (444).

Arhenurus nn. spp. Bismarck-Archipel. **Piersig**, R. Arch. Natg., Berlin, **70**, Bd 1, 1904, (1-34, mit 3 Taf.); *A. longiusculus* n. sp. England. **George**, C. F. Naturalist, London, **1904**, (150); *A. moebeli* Piersig, note. **Halbert**, J. H. Irish Nat., Dublin, **13**, 1901, (201, pl. X, fig. 3); *A. rosulatus* n. sp. Turkestan. **Daday**, E. von. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1901, (469-553).

Atractides octoporus n. sp. Böhmer Wald. **Piersig**, R. Zool. Anz., Leipzig, **27**, 1904, (453-454).

Aturus spatulifer n. sp., Böhmisch-Bayerischer Wald. **Piersig**, R. *l.c.* (471-472).

Bdella californica n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (366); *B. groenlandica* n. sp. **Trägårdh**, I. In: Fauna Arctica, Jena, **4**, Lfg 1, 1904, (1-78).

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Eriophyes nn. spp. Finnland. **Lindroth**, J. I. Helsingfors, Acta Soc. Fauna et Fl. Fenn., **26**, 1904, (1-18); *E. linderac* n. sp. **Corti**, A. Zool. Anz., Leipzig, **27**, 1904, (427-428); *E. ribis*. **Theobald**, F. V. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (62-70).

Erythraeus nn. spp. **Trägårdh**, I. In: Fauna Arctica, Jena, **4**, Lfg 1, 1904, (1-78); *E. germanicus* n. sp. **Oudemans**, A. C. 's Gravenhage, Tijdschr. Ent., **47**, 1904, (122).

Eucarus n. gen., *E. italicus*, *E. arabicus* nn. spp. **With**, C. F. (Reprinted from) Kjöbenhavn, Nath. Medd., **1904**, 1903, (137-192, with 3 pls.).

Eugamasus epsilon n. sp. **Voigts**, H. und **Oudemans**, A. C. Zool. Anz., Leipzig, **27**, 1904, (654).

Eulais (*Eylais*), generic characters. **George**, C. F. Naturalist, London, **1904**, (101, with text-fig.); *E.* nn. spp. **Wolga**. **Piersig**, R. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1-2, 1904, (45-56, with 6 figs.).

Eylais bicornuta n. sp. Ireland. **Halbert**, J. N. Irish Nat., Dublin, **13**, 1904, (200, pl. X, figs. 1, 2).

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Gamasus californicus n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (368).

Glyciphagus nn. spp. **Oudemans**, A. C. 's Gravenhage Tijdschr. Ent., **47**, 1904, (127-131); *G. spinipes* Koch. **Rankin**, J. Glasgow, Trans. Nat. Hist. Soc., **6**, 1904, (380, 381).

Greenia sjöstedti n. sp. Kamerun. **Trägårdh**, I. Entomol. Tidskr., Stockholm, **25**, 1904, (152-156, with pl.).

Histiostoma digitifera n. sp. **Trägårdh**, I. In: Fauna Arctica, Jena, **4**, Lfg 1, 1904, (1-78).

Holostaspis exilis n. sp. Alaska. **Banks**, N. [Reprinted from Washington, D.C., Proc. Acad. Sci., **2**, 1900, (477-486).] Alaska (Harriman Expedition). New York, **8**, 1904, (34-46, with pl.).

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Hygrobutes dolleaporus n. sp. Argentina. Nordenskiöld, E. l.c. (396, with pl.).

Hypotispis lubrica n. sp. Voigts, H. und Oudemans, A. C. Zool. Anz., Leipzig, **27**, 1901, (651).

Iphidurus n. gen., *I. communis*, *I. longicaudus* nn. spp. Ribaga, C. Riv. patol. veg., Portici, **10**, 1901-1902, (175-178).

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Neopodocinum n. gen., *N. voisi*, *N. nederveeni*, *N. jaspersi* nn. spp. Oudemans, A. C. 's Gravenhage, Tijdschr. Ent., **47**, 1901, (117-119).

Notaspis monticola n. sp. Schwedisch Lappland. Trägårdh, I. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 5, 1902, (17-18, with pl.); *N. voigtsi* n. sp. Oudemans, A. C. 's Gravenhage Tijdschr. Ent., **47**, 1901, (126).

(s 2-5658)

Oribata californica n. sp. California. Banks, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1901, (367); *O. farinosa* n. sp. Schwedisch Lappland. Trägårdh, I. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 5, 1903, (15-17, with pl.).

Oxus dahli n. sp. Bismarck-Archipel. Piersig, R. Arch. Natg., Berlin, **70**, Bd 1, 1901, (1-31, mit 3 Taf.).

Pachylaelaps nn. spp. Oudemans, A. C. 's Gravenhage, Tijdschr. Ent., **46**, 1901, (93-131, with 3 pls.).

Parasitus nn. spp. Trägårdh, I. In: Fauna Arctica, Jena, **4**, Lfg 1, 1901, (1-78); *P.* nn. spp. Voigts, H. und Oudemans, Zool. Anz., Leipzig, **27**, 1901, (651-351); *P. poppei* n. sp. Oudemans, A. C. 's Gravenhage, Tijdschr. Ent., **47**, 1901, (114).

Pergamasus gamma n. sp. Voigts, H. und Oudemans, A. C. Zool. Anz., Leipzig, **27**, 1901, (654).

Phthiracarus cryptopus n. sp. California. Banks, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1901, (367).

Phytoseius n. gen., *P. horridus*, *P. finitimus* nn. spp. Ribaga, C. Riv. patol. veg., Portici, **10**, 1901-1902, (175-178).

Pimeliaphilus n. gen. aus Aegypten und dem Sudan. Trägårdh, I. Zool. Anz., Leipzig, **27**, 1901, (662).

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Rhyncholophus gracilipes n. sp. California. Banks, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1901, (365); *R. intermedius* n. sp. Schwedisch Lappland. Trägårdh, I. Stockholm, Vet.-Ak. Bih., Afd. IV **28**, No. 5, 1902, (1-6, with pl.); *R. punctatus* n. sp. Florida. Banks, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1901, (143).

Sebaita n. gen., *S. rosacea* n. sp. Oudemans, A. C. 's Gravenhage, Tijdschr. Ent., **47**, 1901, (122).

Seiulus nn. spp. **Ribaga**, C. Riv. patol. vëg., Portici, **10**, 1901-1902, (175-178); *S. levis* n. sp. **Voigts**, H. und **Oudemans**, A. C. Zool. Anz., Leipzig, **27**, 1901, (651).

Sommatericola n. gen., *S. levinseni* n. sp. **Trägårdh**, I. In: Fauna Arctica, Jena, **4**, Lfg 1904, (1-78).

Tarsonemus spirifex. **Kirchner**, O. Zs. Pflanzenkrankh., Stuttgart, **14**, 1901, (13-18, mit 1 Taf.).

Tetranychus lintearius Duf. **Giard**, A. Paris, Bul. soc. ent., **1903**, (159-160); *T. ulicis* n. sp. **Jourdain**, S. l.c. (101-102, av. fig.).

Trichotarsus simplex n. sp. Kamerun. **Trägårdh**, I. Entomol. Tidskr., Stockholm, **25**, 1904, (156-158, with pl.).

Trombidium bipectinatum n. sp. Kamerun. **Trägårdh**, T. l.c. (158-160, with pl.); *T. striaticeps* et *T. poriceps*, deux nouvelles formes larvaires, parasites de l'homme. **Heim**, F. et **Oudemans**, A. Paris, C.-R. Acad. sci., **138**, 1904, (704-706).

Tyroglyphus lundbecki n. sp. **Trägårdh**, I. In: Fauna Arctica, Jena, **4**, Lfg 1, 1904, (1-78).

Uropoda alfkeni n. sp. **Oudemans**, A. C. 's Gravenhage Tijdschr. Ent., **47**, 1901, (120); *U. levistosa* n. sp. **Voigts**, H. und **Oudemans**, A. C. Zool. Anz., Leipzig, **27**, 1901, (655).

Varroa n. gen., *V. jacobsonii* n. sp. Java. **Oudemans**, A. C. Leiden, Notes Mus. Jentink, **24**, 1901, (216-222, with figs.).

Zercon lundbecki n. sp. **Trägårdh**, I. In: Fauna Arctica, Jena, **4**, Lfg 1 1904, (1-78).

PALPIGRADI.

Kocenia spelaca n. sp. France. **Peyerimhoff**, P. de. Paris, Bul. soc. ent., **1902**, (280-283, av. fig.).

LIST OF NEW GENERA AND SPECIES.

ADONEA [Araneida].

———— *variegata*. Purcell. 89.

ALLOCOSEA [Araneida].

———— *degesta*. Chamberlin. 25.

ANCYLOTRYPA [Araneida].

———— *cornuta*. Purcell. 89.

ANOETUS [Acarid].

———— *discrepans*. Oudemans. 78.

———— *sumatrensis*. Oudemans.

78.

Aphantopelma n. gen. [Araneida].

Simon. 103.

———— *macellum*. Simon. 103.

ARANEA [Araneida].

———— *anguinifera*. Cambridge.

20.

———— *concolorata*. Cambridge.

20.

———— *cyrtophoroides*. Cambridge.

20.

———— *dilatata*. Cambridge. 20.

———— *glabrata*. Cambridge. 20.

———— *nigrocincta*. Cambridge.

20.

———— *sinistra*. Cambridge. 20.

ARANEUS [Araneida].

———— *aysenensis*. Tullgren. 126.

———— *caesertus*. Rainbow. 90.

———— *mammiferus*. Tullgren. 126.

ARGAS [Acarida].

———— *andresi*. Mariani. 66.

ARIADNA [Araneida].

———— *bilineata*. Purcell. 89.

———— *capensis*. Purcell. 89.

———— *dentigera*. Purcell. 89.

———— *pubata*. Purcell. 89.

———— *karrooica*. Purcell. 89.

———— *kolbei*. Purcell. 89.

———— *lightfooti*. Purcell. 89.

———— *scabripes*. Purcell. 89.

———— *segestroides*. Purcell. 89.

———— *umtalica*. Purcell. 89.

ARIANES [Araneida].

———— *pavesii*. Leardi Airaghi.

59.

ARRENERUS [Acarida].

———— *morrisoni*. Marshall. 67.

———— *simplex*. Koenike. 52.

ARRHENURUS [Acarida].

———— *longiusculus*. George. 36.

———— *matupitensis*. Piersig. 81.

———— *quadricaudatus*. Piersig.

81.

———— *quadricornutus*. Piersig.

81.

———— *rosulatus*. Daday. 31.

ATRACRIDES [Acarida].

———— *octoporus*. Piersig. 82.

- ATERUS** [Acarida].
 ——— *spatulifer*. Piersig. 83.
- AUMUS** [Araneida].
 ——— *longipes*. Purcell. 89.
 ——— *schreineri*. Purcell. 89.
 ——— *silvaticus*. Purcell. 89.
- Avellopsis** n. gen. [Araneida]. Purcell.
 89.
 ——— *capensis*. Purcell. 89.
- Aysenia** n. gen. [Araneida]. Tullgren.
 126.
 ——— *elongata*. Tullgren. 126.
- BABYCURUS** [Scorpionida].
 ——— *zambonellii*. Borelli. 16.
- BATHYPHANTES** [Araneida].
 ——— *pallidula*. Banks. 6.
- BDELLA** [Acarida].
 ——— *californica*. Banks. 6.
 ——— *groenlandica*. Trägårdh. 124.
- Bemmeris** n. gen. [Araneida]. Simon.
 103.
 ——— *pardalina*. Simon. 103.
- BUTHUS** [Scorpionida].
 ——— *kaznakovi*. Birul'a. 12.
- Caedmon** n. gen. [Araneida]. Pickard-
 Cambridge. 22.
 ——— *affinis*. Pickard-Cambridge.
 22.
 ——— *congener*. Pickard - Cam-
 bridge. 22.
 ——— *dubia*. Pickard-Cambridge.
 22.
 ——— *thoracica*. Pickard - Cam-
 bridge. 22.
- Callenopsis** n. gen. [Araneida] Tullgren.
 126.
 ——— *striata*. Tullgren. 126.
- CAPONIA** [Araneida].
 ——— *braunsi*. Purcell. 89.
 ——— *capensis*. Purcell. 89.
 ——— *forcifer*. Purcell. 89.
 ——— *hastifera*. Purcell. 89.
 ——— *karrooica*. Purcell. 89.
 ——— *simoni*. Purcell. 89.
 ——— *spiralifera*. Purcell. 89.
- CARABODES** [Acaridae].
 ——— *marginipunctatus*. Trä-
 gårdh. 119.
- CENTRURUS** [Scorpionida].
 ——— *hentzi*. Banks. 5.
- CHELIFER** [Chernetida].
 ——— *elongatus*. Ellingsen. 33.
 ——— *gracilis*. Ellingsen. 33.
 ——— *nitidus*. Ellingsen. 33.
 ——— *rotundatus*. Ellingsen. 33.
- CHTHONIUS** [Chernetida].
 ——— *maranjitensis*. Ellingsen.
 33.
 ——— *pulchellus*. Ellingsen. 33.
- CLUBIONA** [Araneida].
 ——— *detririma*. Strand. 111.
- CORINNOMMA** [Araneida].
 ——— *formiceiforme*. Rainbow. 90.
- CORNICULARIA** [Araneida].
 ——— *recurvata*. Banks. 7.
 ——— *varipes*. Banks. 7.
- CRYPTOCELLUS** [Phalangida].
 ——— *simoni*. Hansen and Søren-
 sen. 42.
- CRYPTOSTEMMA** [Phalangida].
 ——— *crassipalpe*. Hansen and
 Sørensen. 42.
 ——— *karschi*. Hansen and Søren-
 sen. 42.
 ——— *plebejum*. Hansen and
 Sørensen. 42.
 ——— *sjöstedti*. Hansen, H. and
 Sørensen. 42.
 ——— *westermanni*. Hansen and
 Sørensen. 42.
- Ctenolophus** n. gen. [Araneida]. Purcell.
 89.
- Ctenonemus** n. gen. [Araneida]. Simon.
 103.
 ——— *pectiniger*. Simon. 103.
- CYBAEUS** [Araneida].
 ——— *minor*. Banks. 6.
- CYCLOSA** [Araneida].
 ——— *conigera*. Cambridge. 20.
- CYNORTA** [Phalangida].
 ——— *albipunctata*. Cambridge,
 F. O. Pickard. 20.
 ——— *annulipes*. Cambridge, F. O.
 Pickard. 20.
 ——— *biguttata*. Cambridge, F. O.
 Pickard. 20.
 ——— *bipunctata*. Cambridge,
 F. O. Pickard. 20.
 ——— *bituberculata*. Cambridge,
 F. O. Pickard. 20.
 ——— *conigera*. Cambridge, F. O.
 Pickard. 20.
 ——— *dentipes*. Cambridge, F. O.
 Pickard. 20.
 ——— *longipes*. Cambridge, F. O.
 Pickard. 20.
 ——— *longispina*. Cambridge,
 F. O. Pickard. 20.

- DAESIA** [Solifugae].
 ——— *dmitricvi*. Birul'ia. 13.
 ——— *magnifrons*. Birul'ia. 13.
 ——— *persica*. Birul'ia. 13.
 ——— *rossica*. Birul'ia. 13.
 ——— *zarudnyi*. Birul'ia. 13.
Damarchodes n. gen. [Araneida]. Simon 103.
 ——— *purcelli*. Simon. 103.
DENDRYPHANTES [Araneida].
 ——— *floridanus*. Banks. 5.
 ——— *guttatus*. Banks. 6.
DIAEA [Araneida].
 ——— *multimaculata*. Rainbow. 90.
DICTYNA [Araneida].
 ——— *calcarata*. Banks. 6.
 ——— *floridana*. Banks. 5.
 ——— *togata*. Simon. 105.
Dictynina n. gen. [Araneida]. Banks. 6.
 ——— *pallida*. Banks. 6.
DICTYOLATHYS [Araneida].
 ——— *californica*. Banks. 6.
DIORES [Araneida].
 ——— *cognata*. Pickard-Cambridge. 22.
 ——— *simonii*. Pickard-Cambridge. 22.
DIPHYA [Araneida].
 ——— *pallida*. Tullgren. 126.
 ——— *rugosa*. Tullgren. 126.
 ——— *spinifera*. Tullgren. 126.
Diplogena n. gen. [Araneida]. Purcell. 89.
 ——— *capensis*. Purcell. 89.
Diplotychus n. gen. [Araneida]. Simon. 104.
 ——— *longulus*. Simon. 104.
DIPOENA [Araneida].
 ——— *pictipes*. Banks. 6.
Drassinella n. gen. [Araneida]. Banks. 6.
 ——— *modesta*. Banks. 6.
DRASSODES [Araneida].
 ——— *californica*. Banks. 6.
DRESSERUS [Araneida].
 ——— *angusticeps*. Purcell. 89.
 ——— *laticeps*. Purcell. 89.
DRYMUSA [Araneida].
 ——— *producta*. Purcell. 89.
 ——— *silvicola*. Purcell. 89.
Emplesiogonus n. gen. [Araneida]. Simon. 104.
 ——— *striatus*. Simon. 104.
Enidia n. nom. [Araneida]. Smith. 108.
ENOPLOGNATHA [Araneida].
 ——— *inornata*. Pickard-Cambridge. 22.
EOSCORPIUS [Scorpionida].
 ——— *sparthensis*†. Baldwin. 1.
EPEIRA [Araneida].
 ——— *floridensis*. Banks. 5.
 ——— *libera*. Leardi-Airaghi. 59.
 ——— *tricolor*. Leardi-Airaghi. 60.
EPIBLEMUM [Araneida].
 ——— *palpalis*. Banks. 6.
EPISINUS [Araneida].
 ——— *dusénii*. Tullgren. 126.
EPITRIMERUS [Acarida].
 ——— *anthrisci*. Lindroth. 61.
EREMAEUS [Acarida].
 ——— *confervae*. Oudemans. 78.
 ——— *floridanus*. Banks. 5.
 ——— *varius*. Voigts & Oudemans. 129.
Erginoides n. gen. [Phalangida]. Cambridge. 20.
 ——— *tarsalis*. Cambridge. 20.
ERIGONE [Araneida].
 ——— *californica*. Banks. 6.
Erigonidium n. gen. [Araneida]. Smith. 108.
ERIOPHYES [Acarida].
 ——— *campanulae*. Lindroth. 61.
 ——— *dianthi*. Lindroth. 61.
 ——— *leontodontis*. Lindroth. 61.
 ——— *linderae*. Corti. 29.
Ero [Araneida].
 ——— *ligurica*?. Kulezyński. 54.
 ——— *nicoleti*. Simon. 105.
ERYTHRAEUS [Acarida].
 ——— *germanicus*. Oudemans. 78.
 ——— *groenlandicus*. Trägårdh. 124.
 ——— *unidentatus*. Trägårdh. 124.
Eucarus n. gen. [Acarida]. With. 136.
 ——— *arabicus*. With. 136.
 ——— *italicus*. With. 126.
EUGANIMASUS [Acarida].
 ——— *epsilon*. Voigts & Oudemans. 129.
EULAIS [Acarida].
 ——— *elliptica*. Piersig. 84.
 ——— *gigas*. Piersig. 84.
 ——— *krendovskii*. Piersig. 84.
 ——— *saratowi*. Piersig. 84.
 ——— *skorikowi*. Piersig. 84.

- EURYOPS** [Araneida].
 ——— *californica*. Banks. 6.
EUSCORPIUS [Scorpionida].
 ——— *candidata*†. Birul'ia. 12.
EUSTALA [Araneida].
 ——— *viridis*. Cambridge. 20.
 ——— *guttata*. Cambridge. 20.
EVOPHRYS [Araneida].
 ——— *lactata*. Simon. 105.
EYLIS [Acarida].
 ——— *bicornuta*. Halbert. 39.
FALCONERIA n. gen. [Araneida]. Smith. 108.
GALEODES [Solifugae].
 ——— *auronitens*. Birul'ia. 13.
 ——— *bacillatus*. Birul'ia. 13.
 ——— *caspicus*: *przewalskii* n. subsp. Birul'ia. 13.
 ——— *lacirpalpis*. Birul'ia. 13.
 ——— *schach*. Birul'ia. 13.
 ——— *setipes*. Birul'ia. 13.
Galeodopsis n. gen. [Solifugae]. Birul'ia. 11.
GAMASUS [Acarida].
 ——— *californicus*. Banks. 6.
GAYENNA [Araneida].
 ——— *californica*. Banks. 6.
 ——— *chilensis*. Tullgren. 126.
 ——— *pallida*. Tullgren. 126.
 ——— *rufithorax*. Tullgren. 126.
 ——— *saccata*. Tullgren. 126.
 ——— *trimaculata*. Simon. 105.
Geolycosa n. gen. [Araneida]. Montgomery. 69.
 ——— *latifrons*. Montgomery. 69.
 ——— *texana*. Montgomery. 69.
GLUVIOPSIS [Solifugae].
 ——— *nigrocincta*. Birul'ia. 13.
 ——— *rufescens*: *persica* n. subsp. Birul'ia. 13.
GLYCIPHAGUS [Acarida].
 ——— *burchanensis*. Oudemans. 78.
 ——— *fustifer*. Oudemans. 78.
GNAPHOSA [Araneida].
 ——— *californica*. Banks. 6.
 ——— *pseudolapponica*. Strand. 111.
GNOLUS [Araneida].
 ——— *affinis*. Tullgren. 126.
 ——— *zonulatus*. Tullgren. 126.
GONGLYDIUM [Araneida].
 ——— *alascensis*. Banks. 7.
GREENIA [Acarida].
 ——— *spjostedti*. Trägårdh. 120.
HARPACTIRELLA [Araneida].
 ——— *schwarzi*. Purcell. 89.
Hemihoplopus n. gen. [Scorpionida]. Birul'ia. 9.
 ——— *yaschenkoi*. Birul'ia. 9.
HERPYLLUS [Araneida].
 ——— *angustus*. Banks. 6.
Heterodictyna n. gen. [Araneida]. Dahl. 32.
HISTIOSTOMA [Acarida].
 ——— *digitifera*. Trägårdh. 121.
HOLOSTASPIS [Acarida].
 ——— *civilis*. Banks. 7.
HYDRYPHANTES [Acarida].
 ——— *juniyensis*. Nordenskiöld. 72.
HYGROBATES [Acarida].
 ——— *dodecaporus*. Nordenskiöld. 72.
HYTOASPIS [Acarida].
 ——— *lubrica*. Voigts & Oudemans. 129.
IDIOPS [Araneida].
 ——— *punguensis*. Purcell. 89.
Iphidunus n. gen. [Acari]. Ribaga. 95.
 ——— *communis*. Ribaga. 95.
 ——— *longicaudus*. Ribaga. 95.
Iphoctesis n. gen. [Araneida]. Simon. 101.
 ——— *echinipes*. Simon. 101.
ISOPODA [Araneida].
 ——— *striatipes*. Leardi Airaghi. 59.
IXODES [Acarida].
 ——— *analis*. Chilton. 26.
 ——— *californicus*. Banks. 6.
KOENENIA [Palpigradi].
 ——— *spelaea*. Peyerimhoff. 80.
LAELAPS [Acarida].
 ——— *pilosula*. Banks. 6.
 ——— *versteeghi*. Oudemans. 76.
LANDANA [Araneida].
 ——— *edwardsi*. Simon. 105.
LATROBECTUS [Araneida].
 ——— *concinuus*. Pickard-Cambridge. 22.
 ——— *indistinctus*. Pickard-Cambridge. 22.

LEPHTHYPIANTHES [Araneida].

- *alascensis*. Banks. 7.
 ——— *armatus*. Kulczyński. 54.
 ——— *kolulai*. Kulczyński. 51.

LEPTONETA [Araneida].

- *californica*. Banks. 6.

LIACARUS [Acarida].

- *modestus*. Banks. 6.

LIMNESIA [Acarida].

- *cornuta*. Wolcott. 137.
 ——— *paucispina*. Wolcott. 137.

LIXYPHIA [Araneida].

- *aysenensis*. Tullgren. 126.
 ——— *interpolis*. Pickard-Cambridge. 22.
 ——— *limatula*. Simon. 105.

LIPAROTOMA [Araneida].

- *villosa*. Tullgren. 126.

LOPHOCARENUM [Araneida].

- *fasciatum*. Banks. 6.

LOXOSCELES [Araneida].

- *spinulosa*. Purcell. 89.

Lucrinus n. gen. [Araneida]. Pickard-Cambridge. 22.

- *putus*. Pickard-Cambridge. 22.

LYCOSA [Araneida].

- *antelucana*. Montgomery. 69.
 ——— *delfini*. Simon. 105.
 ——— *euepignata*. Montgomery. 69.
 ——— *hentzi*. Banks. 5.
 ——— *insopita*. Montgomery. 69.
 ——— *meccooki*. Montgomery. 69.
 ——— *pacifica*. Banks. 6.
 ——— *perkinsi*. Simon. 106.
 ——— *permunda*. Chamberlin. 21.
 ——— *porteri*. Simon. 105.
 ——— *posticata*. Banks. 5.

MANGORA [Araneida].

- *calcarifera*. Cambridge. 20.
 ——— *spinula*. Cambridge. 20.

MECAPHESA [Araneida].

- *perkinsi*. Simon. 106.

MEGAMYRMECION [Araneida].

- *gayi*. Simon. 105.

MEGISTHANUS [Acarida].

- *floridanus*. Banks. 5.

MELANOPHERA [Araneida].

- *porteri*. Simon. 105.

MENNEUS [Araneida].

- *dromedarius*. Purcell. 89.

META [Araneida].

- *chilensis*. Tullgren. 126.
 ——— *cordillera*. Tullgren. 126.
 ——— *echinata*. Tullgren. 126.
 ——— *torta*. Tullgren. 126.

Metacynorta n. gen. [Phalangida].

- Cambridge. 20.
 ——— *gracilipes*. Cambridge. 20.

METACYREA [Araneida].

- *similis*. Banks. 6.

Metaparasitus n. gen. [Acarida].

- Voigts and Oudemans. 129.
 ——— *suboles*. Voigts and Oudemans. 129.

Metavonones n. gen. [Phalangida].

- Cambridge. 20.
 ——— *hispidus*. Cambridge. 20.

Metazygia n. gen. [Araneida]. Cambridge. 20.

Mevianes n. gen. [Araneida]. Simon. 105.

- *delfini*. Simon. 105.
 ——— *wilsoni*. Simon. 105.

MIAGRAMMOPES [Araneida].

- *constrictus*. Purcell. 89.

MICARIA [Araneida].

- *norvegica*. Strand. 111.

MICRATHENA [Araneida].

- *catenulata*. Cambridge. 20.
 ——— *granulata*. Cambridge. 20.
 ——— *inaequalis*. Cambridge. 20.
 ——— *quadriscerrata*. Cambridge. 20.
 ——— *serrata*. Cambridge. 20.
 ——— *spinulata*. Cambridge. 20.
 ——— *striata*. Cambridge. 20.
 ——— *subspinosa*. Cambridge. 20.
 ——— *triserrata*. Cambridge. 20.
 ——— *uncata*. Cambridge. 20.

MIDAMUS [Araneida].

- *ceylonicus*. Leardi-Airaghi. 59.

MIDEOPSIS [Acarida].

- *spiniqes*. Nordenskiöld. 72.

MIMETUS [Araneida].

- *maculosus*. Rainbow. 90.

MITOPUS [Phalangida].

- *dorsalis*. Banks. 7.

Moero n. gen. [Araneida]. Pickard-Cambridge. 22.
 ——— *quadrinaculata*. Pickard-Cambridge. 22.

MOGGRIESEA [Araneida].
 ——— *nigra*. Purcell. 89.

MYNTIES [Araneida].
 ——— *dentifer*. Tullgren. 126.

MYRO [Araneida].
 ——— *multidentata*. Tullgren. 126.

Neopodocinum n. gen. [Acarida]. Oudemans. 78.
 ——— *jaspersi*. Oudemans. 78.
 ——— *nederveeni*. Oudemans. 78.
 ——— *rosi*. Oudemans. 78.

NEOSCONA [Araneida].
 ——— *amulensis*. Cambridge. 20.
 ——— *conifera*. Cambridge. 20.
 ——— *minima*. Cambridge. 20.
 ——— *orizabensis*. Cambridge. 20.

Neosconella n. gen. [Araneida]. Cambridge. 20.
 ——— *guttata*. Cambridge. 20.
 ——— *styligera*. Cambridge. 20.

NOTASPIS [Acarida].
 ——— *monticola*. Trägårdh. 119.
 ——— *voigtsi*. Oudemans. 78.

Ogovia n. gen. [Phalangida]. Hansen and Sørensen. 42.
 ——— *grossa*. Hansen and Sørensen. 42.

OLPIUM [Chernetida].
 ——— *orthonadae*. Ellingsen. 33.

Opisthacanthus n. gen. [Scorpionida]. Birul'ia. 10.
 ——— *davydovi*. Birul'ia. 10.

ORIBATA [Acarida].
 ——— *californica*. Banks. 6.
 ——— *farinosa*. Trägårdh. 119.

ORSOLOBUS [Araneida].
 ——— *chelifer*. Tullgren. 126.

OXUS [Acarida].
 ——— *dahli*. Piersig. 81.

PACHYLAEALAPS [Acarida].
 ——— *ensifer*. Oudemans. 78.
 ——— *furcifer*. Oudemans. 78.

Pacificana n. gen. [Araneida]. Hogg. 46.
 ——— *cockaynei*. Hogg. 16.

PARAGALEODES [Solifugae].
 ——— *fulvipes*. Birul'ia. 13.
 ——— *melanopygus*. Birul'ia. 13.

Parasiro n. gen. [Phalangida]. Hansen and Sørensen. 42.

PARASITUS [Acarida].
 ——— *alpha*. Voigts & Oudemans. 129.
 ——— *beta*. Voigts & Oudemans. 129.
 ——— *bremensis*. Voigts & Oudemans. 129.
 ——— *congener*. Voigts & Oudemans. 129.
 ——— *consanguineus*. Voigts & Oudemans. 129.
 ——— *consimilis*. Voigts & Oudemans. 129.
 ——— *consors*. Voigts & Oudemans. 129.
 ——— *eta*. Voigts & Oudemans. 129.
 ——— *fucicola*. Trägårdh. 124.
 ——— *poppei*. Oudemans. 78.
 ——— *setosus*. Voigts & Oudemans. 129.
 ——— *spinipediformis*. Trägårdh. 124.
 ——— *theta*. Voigts & Oudemans. 129.
 ——— *zeta*. Voigts & Oudemans. 129.

Parastrophius n. gen. [Araneida]. Simon. 101.
 ——— *echinosoma*. Simon. 101.

Paravonones n. gen. [Phalangida]. Cambridge. 20.
 ——— *biserratus*. Cambridge. 20.
 ——— *claviger*. Cambridge. 20.
 ——— *compressus*. Cambridge. 20.
 ——— *incrassatus*. Cambridge. 20.
 ——— *quadratus*. Cambridge. 20.

Parawixia n. gen. [Araneida]. Cambridge. 20.
 ——— *hamata*. Cambridge. 20.
 ——— *tredecimnotata*. Cambridge. 20.

PARDOSA [Araneida].
 ——— *atromedia*. Banks. 6.
 ——— *floridana*. Banks. 5.
 ——— *mercurialis*. Montgomery. 69.
 ——— *paucella*. Montgomery. 69.

PELLENES [Araneida].
 ——— *pacifica*. Banks. 6.
 ——— *speciosa*. Banks. 6.

PELMATORYCTER [Araneida].
 ——— *pallidipes*. Purcell. 89.

PERGAMASTUS [Acarida].

——— *gamma*. Voigts & Oudemans. 129.

PHILISCA [Araneida].

——— *accentifera*. Simon. 105.

PHILODROMUS [Araneida].

——— *floridensis*. Banks. 5.

——— *moestus*. Banks. 6.

PHTHRACARUS [Acarida].

——— *cryptopus*. Banks. 6.

Physoglenes n. gen. [Araneida]. Simon. 105.

——— *viresi*. Simon. 105.

Phytoseius n. gen. [Acarida]. Ribaga. 95.

——— *finitimus*. Ribaga. 95.

——— *horridus*. Ribaga. 95.

Pimeliaphilus n. gen. [Acarida]. Trägårdh. 123.

Pionaces n. gen. [Araneida]. Simon. 105.

——— *major*. Simon. 105.

PIRATA [Araneida].

——— *aspirans*. Chamberlin. 25.

——— *californica*. Banks. 6.

——— *sedentarius*. Montgomery. 69.

POECILIPTA [Araneida].

——— *renusta*. Rainbow. 90.

POLTYS [Araneida].

——— *salebrosus*. Rainbow. 90.

POLYBETES [Araneida].

——— *delfini*. Simon. 105.

Porteria n. gen. [Araneida]. Simon. 105.

——— *albopunctata*. Simon. 105.

Priperia n. gen. [Araneida]. Simon. 106.

——— *bicolor*. Simon. 106.

PROBIDOMUS [Araneida].

——— *capensis*. Purcell. 89.

——— *purpurascens*. Purcell. 89.

——— *scaber*. Purcell. 89.

PSEUDAUXIMUS [Araneida].

——— *pallidus*. Purcell. 89.

Pseudofeltria n. gen. [Acarida]. Soar. 109.

——— *scourfieldi*. Soar. 109.

Purcellia n. gen. [Phalangida]. Hansen and Sørensen. 42.

——— *illustrans*. Hansen and Sørensen. 42.

RHAGODES [Solifugae].

——— *auricus*: *setipes* n. subsp. Birul'a. 13.

——— *leucopygus*. Birul'a. 13.

RHYNCHOLOPHUS [Acarida].

——— *gracilipes*. Banks. 6.

——— *intermedius*. Trägårdh. 119.

——— *punctatus*. Banks. 5.

ROMPIAEEA [Araneida].

——— *longa*. Kulezyński. 51.

SARTIS [Araneida].

——— *graeca*. Kulezyński. 51.

——— *taurica*. Kulezyński. 51.

Schizocosa n. gen. [Araneida]. Chamberlin. 24.

SCYTODES [Araneida].

——— *arenacea*. Purcell. 89.

——— *caffa*. Purcell. 89.

——— *cedri*. Purcell. 89.

——— *elizabethae*. Purcell. 89.

——— *flagellata*. Purcell. 89.

——— *gooldi*. Purcell. 89.

——— *karroica*. Purcell. 89.

——— *lanceolata*. Purcell. 89.

——— *leipoldti*. Purcell. 89.

——— *lycosella*. Purcell. 89.

——— *lyriformis*. Purcell. 89.

——— *montana*. Purcell. 89.

——— *silvatica*. Purcell. 89.

——— *subulata*. Purcell. 89.

——— *testudo*. Purcell. 89.

——— *triangulifera*. Purcell. 89.

Sebaia n. gen. [Acarida]. Oudemans. 78.

——— *rosacea*. Oudemans. 78.

Segestriella n. gen. [Araneida]. Purcell. 89.

——— *gryllotalpa*. Purcell. 89.

SEIULUS [Acarida].

——— *custipilus*. Ribaga. 95.

——— *levis*. Voigts & Oudemans. 129.

——— *soleiger*. Ribaga. 95.

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——— *fasciata*. Purcell. 89.

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——— *levinseni*. Trägårdh. 124.

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——— *delfini*. Simon. 105.

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——— *latus*. Purcell. 89.

——— *pallidipes*. Purcell. 89.

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——— *canus*. Purcell. 89.

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3203-3231 PROTOTRACHEATA (or ONYCHOPHORA).

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3207 STRUCTURE.

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3219 ETHOLOGY.

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3403 3431 MYRIOPODA.

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Hennings, Curt. Zur Biologie der Myriopoden I. Marine Myriopoden. Biol. Centralbl., Leipzig, **23**, 1903, (720-725). [3419 3427]. 8

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Ber. Ges. natf. Freunde, **1904**, (239-242). [3407]. 25

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ORGANS OF SENSE.

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3411 PHYSIOLOGY.

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Rossi, Giovanni. 11. Sulla resistenza dei Miriapodi all'asfissia.

3415 DEVELOPMENT.

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3419 ETHOLOGY.

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UTILITY AND HARMFULNESS.

Theobald, Fred. 21. Myriopoda. *In*: Second report on economic zoology.

3423 VARIATION AND ÆTIOLOGY.

GENERAL.

Brölemann, H. W. 6. Chilopodes Monégasques. I. Liste des chilopodes du territoire de la principauté ou dans (n 2-5658)

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Verhoeff, K. W. Ueber Gattungen der Spinnenasseln (Scutigriden). Berlin, SitzBer. Ges. natf. Freunde, 1904, (245-285).

SPECIAL.

Ballonema n. gen., *B. gracilipes* n. sp. **Verhoeff**, K. W. Berlin, SitzBer. Ges. natf. Freunde, 1904, (257, 261).

Cupipes unguatus var. *mitis* n. var. Brazil. **Brölemann**, H. W. San Paulo, Rev. Mus., 6, 1904, (65-66).

Escaryus albus n. sp. Alaska. **Cook**, O. F. Alaska, (Harriman Expedition), New York, 8, 1904, (47-82, with pl.); *E. retusidens* n. sp. **Attems**, C. Graf. Zool. Jahrb., Jena, Abt. f. Syst., 20, 1904, (121).

Geophilus alaskanus n. sp. Alaska. **Cook**, O. F. Alaska, (Harriman Expedition), New York, 8, 1904, (75); *G. electricus: joyeuxi* n. subsp. Corse. **Léger**, L. et **Duboscq**, O. Paris, C.-R. ass. franç. avance. sci., 31, 2^e-partie, 1903, (710); *G. linearis*, spermio-genèse. **Bouin**, P. et **Bouin**, M. Paris, C.-R. soc. biol., 55, 1903, (1060-1062); *G. mediterraneus* Meinert, *G. richardi*, notes. **Brölemann**, H. W. Monaco, Bul. Mus., 1904, No. 15, (9-11).

Himantarium brölemanni n. sp. Corse. **Léger**, L. et **Duboscq**, O. Paris, C.-R. ass. franç. avance. sci., 31, 2^e partie, 1903, (708); *H. gabrielis* Linné, cas nouveau de difformité. **Brölemann**, H. W. Monaco, Bul. Mus., 1904, No. 15, (11-15).

Lamonyx spissus. **Silvestri**, F. Fauna Hawaiiensis. Cambridge, 3, 1904, (326, pl. XI, figs. 5-7).

Lamyetes fulvicornis var. *hawaiiensis* n. var. Hawaii. **Silvestri**, F. *Lc.* (325, pl. XI, figs. 1 and 2); *L. heterotarsus* n. sp. Hawaii. **Silvestri**, F. *Lc.* (325, pl. XI, figs. 3 and 4).

Lithobius nn. spp. **Attems**, C. Graf. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (116-117); *L. blanchardi* n. sp., *L. nudicornis*: *corsicus* n. subsp. Corse. **Léger**, L. et **Duboscq**, O. Paris, C.-R. ass. franç. avanc. sci., **31**, 2^e partie, 1902, (706-707); *L. erythrocephalus* C. Koch, note. *L. nodulipes* var. *nicoensis* n. var. **Brölemann**, H. W. Monaco, Bul. Mus., **1904**, No. 15, (11-13); *L. hawaiiensis*. Kanai. **Silvestri**, F. l.c. (324).

Mecistocephalus edentulus n. sp. **Attems**, C. Graf. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (119).

Neupertia (*Scolopendrides*) nn. spp. Brazil. **Brölemann**, H. W. San Paulo, Rev. Mus., **6**, 1904, (67-71).

Notophilides grandis n. sp. Brazil. **Brölemann**, H. W. l.c. (71-73).

Parascutigera n. gen., *P. dahl* n. sp. **Verhoeff**, K. W. Berlin, SitzBer. Ges. Natf. Freunde, **1904**, (257, 263).

Pselliophora n. gen., *P. annuligera*, *P. pulchritarsis* nn. spp. **Verhoeff**, K. W. l.c. (259, 225, 229).

Schendyla nemorensis, *S. vizzavonae*, *S. mediterranea*, description; *S. montana* var. *monoeci* n. var. **Brölemann**, H. W. Monaco, Bul. Mus., **1904**, No. 15, (5-9); *S. paulista* n. sp. Brazil. **Brölemann**, H. W. San Paulo, Rev. Mus., **6**, 1904, (83-84); *S. vizzavonae* n. sp. Corse. **Léger**, L. et **Duboscq**, O. Paris, C.-R. ass. franç. avanc. sci., **31**, 2^e partie, 1903, (709).

Scolopendra oraniensis lusitanica Verh., parasite d'*Adelca dimidiata coccidioides* Léger et Duboscq. **Léger**, L. et **Duboscq**, O. l.c. (Montauban, 1902); première partie, 1902, (231); deuxième partie, 1903, (714-716); *S. subspinipes*. **Lankester**, E. R. Q. J. Microsc. Sci., London, **47**, 1904, (pl. XLII, fig. 3).

Scutigera, Mittheilungen über die Gliedmassen der Gattung. **Verhoeff**, K. W. Berlin, SitzBer. Ges. natf. Freunde, **1904**, (198-236).

Sphendononema n. gen., *S. camerunense* n. sp. **Verhoeff**, K. W. l.c. (259, 281).

Stigmatogaster arcis-herculis n. sp. Monaco. **Brölemann**, H. W. Monaco, Bul. Mus., **1904**, No. 15, (3-4).

(x 2-5638)

Thercononema n. gen., *T. (Therconopoda) amokiana* n. sp. **Verhoeff**, K. W. Berlin, SitzBer. Ges. natf. Freunde, **1904**, (258-268, 272).

Therconopoda n. subgen. (*Thercononema*). **Verhoeff**, K. W. l.c. (275).

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GENERAL.

Silvestri, F. Viaggio del dott. A. Borelli nel Matto Grosso. Diplopodi. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25).

SPECIAL.

Aporodesmus n. gen. (*Cryptodesmidae*), *A. wallacei* n. sp. **Silvestri**, F. Fauna Hawaiiensis, Cambridge, **3**, 1901, (327-328, pl. XI, figs. 14-17).

Archispirastreptus pyrocephalus. **Lankester**, E. R. Q. J. Microsc. Sci., London, **47**, 1904, (pl. XLII, figs. 1, 2).

Blaniulus, myrmecophil habit. **Donisthorpe**, H. St. J. K. Ent. Rec., London, **15**, 1904 (11).

Brachyjulus nn. spp. **Attems**, C. Arch. Natg., Berlin, **70**, Bd 1, 1901, (179-196, mit 2 Taf.).

Brachyurodesmus n. gen. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei. zool. anat., **17**, No. 432, 1902, (1-25).

Catharosoma peraccae n. sp. Matto Grosso. **Silvestri**, F. l.c. (1-25).

Chonaphe n. gen., type *C. armata* (Harger). Western U.S. **Cook**, O. F. Alaska (Harriman expedition), New York, **8**, 1904, (56-57).

Craspedosoma legeri n. sp. Corse. **Léger**, L. et **Duboscq**, O. Paris, C.-R. ass. franç. avanc. sci., **32**, 1903, 2 partie, (711-712).

Cryptodesmus nn. spp. Brazil. **Brölemann**, H. W. San Paulo, Rev. Mus., **6**, 1904, (84-87).

Cylindrojulus brolemanni n. nom. = *Julus luridus* var. B. Broleman, *C. pollicaris* n. sp. **Attems**, C. Arch. Natg., Berlin, **70**, Bd 1, 1904, (191).

Dimerogonus nn. spp. **Silvestri**, F. Fauna Hawaiiensis, Cambridge, **3**, 1904, (330-338).

Diplopoiulus luscus. Hawaii. **Silvestri**, F. l.c. (338).

Erythrodesmus n. gen. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25).

Euryurus nn. spp. Brazil. **Brölemann**, H. W. San Paulo, Rev. Mus., **6**, 1904, (74-78, figs. 5-7).

Euthydesmus n. gen., *E. acicarina* n. sp. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25).

Fagina n. subgen. (*Heterolatzelia*). **Attems**, C. Graf. Arch. Natg., Berlin, **70**, Bd 1, 1904, (182).

Femoriferus n. subgen (*Julus*). **Attems**, C. l.c. (189).

Harpaphe n. gen., type *H. haydeniana* (Harger). Oregon and California. **Cook**, O. F. Alaska, (Harriman Expedition), New York, **8**, 1904, (59-60).

Heterolatzelia (*Fagina* n. subgen.) *silvatica* n. sp. **Attems**, C. Arch. Natg., Berlin, **70**, Bd 1, 1904, (182).

Hybaphe n. gen., *H. curtipes*, *H. tersa* nn. spp. Washington. **Cook**, O. F. Alaska, (Harriman Expedition), New York, **8**, 1904, (58-59).

Hylopachyulus n. subgen. (*Pachyulus*). **Attems**, C. Arch. Natg., Berlin, **70**, Bd 1, 1904, (183).

Hypozoneum n. gen., *H. anurum* n. sp. Washington. **Cook**, O. F. Alaska, (Harriman Expedition), New York, **8**, 1904, (62-63).

Isaphe n. gen., *I. convexa* n. sp. Idaho. **Cook**, O. F. l.c. (57-58).

Julus (*Femoriferus* n. subgen.) nn. spp. **Attems**, C. Arch. Natg., Berlin, **70**, Bd 1, 1904, (189); *J. (Cylindroiulus) apeminorum* var. *segregatus* n. var. Corse. **Léger**, L. et **Duboscq**, O. Paris, C.-R. ass. franç. avanc. sci., **31**, 2^e partie, 1903, (713); *J. pulchellus*, injurious to potatoes, etc. **Theobald**, F. First Rep. on Economic Zoology, 1904, (86, 105); Second Rep. on Economic Zoology, 1901, (155).

Leiodesmus nn. spp. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25).

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Tianella n. gen. (*Chordeumid.*), *T. fastigata* n. sp. **Attems**, C. Graf. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (126-127).

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LIST OF NEW GENERA AND SPECIES.

Aporodesmus n. gen. [Diplopoda].
Silvestri. 19.

——— *wallacei*. Silvestri. 19.

Ballonema n. gen. [Chilopoda]. Verhoeff. 26.

——— *gracilipes*. Verhoeff. 26.

BRACHYJULUS [Diplopoda].

——— *lietor*. Attems. 1.

——— *varibolinus*. Attems. 1.

Brachyuroidesmus n. gen. [Diplopoda].
Silvestri. 17.

CATHAROSOMA [Diplopoda].

——— *peraccae*. Silvestri. 17.

Chonaphe n. gen. [Diplopoda].

——— *Cook*. 7.

CRASPEDOSOMA [Diplopoda].

——— *legeri*. Léger et Duboseq. 12.

CRYPTODESMUS [Diplopoda].

——— *pilcolus*. Brölemann. 5.

——— *politulus*. Brölemann. 5.

CUTIPES [Chilopoda].

——— *ungulatus* var. *mitis* n. var.
Brölemann. 5.

CYLINDROJULUS [Diplopoda].

——— *brolemanni* n. nom. Attems. 1.

——— *pollicaris*. Attems. 1.

DIMEROGONUS [Diplopoda].

——— *areburyi*. Silvestri. 19.

——— *beddardi*. Silvestri. 19.

——— *carpenteri*. Silvestri. 19.

——— *harmeri*. Silvestri. 19.

——— *koebelci*. Silvestri. 19.

——— *lankesteri*. Silvestri. 19.

——— *perkinsi*. Silvestri. 19.

——— *pococki*. Silvestri. 19.

——— *sedgwicki*. Silvestri. 19.

——— *sharpi*. Silvestri. 19.

——— *shipleyi*. Silvestri. 19.

——— *sinclairi*. Silvestri. 19.

Erythrodesmus n. gen. [Diplopoda].
Silvestri. 17.

ESCARYUS [Chilopoda].

——— *albus*. Cook. 7.

——— *retusidens*. Attems. 2.

EURYRUS [Diplopoda].

——— *elongatus*. Brölemann. 5.

——— *oelocentrus*. Brölemann. 5.

Euthydesmus n. gen. [Diplopoda].

——— *Silvestri*. 17.

——— *acicarina*. Silvestri. 17.

Fagina n. subgen. [Diplopoda]. Attems. 1.

Femoriferus n. subgen. [Diplopoda].
Attems. 1.

GEOPHILUS [Chilopoda].

——— *alaskanus*. Cook. 7.

——— *electricus*: *joyeuxi* n. subsp.
Léger et Duboseq. 12.

Harpaphe n. gen. [Diplopoda]. Cook. 7.

HETEROLATZELIA [Diplopoda].

——— *silvatica*. Attems. 1.

HIMANTARIUM [Chilopoda].

——— *brolemanni*. Léger et
Duboseq. 12.

Hyaphe n. gen. [Diplopoda]. Cook. 7.

——— *eurtipes*. Cook. 7.

——— *tersa*. Cook. 7.

Hylpachyjulus n. subgen. [Diplopoda].
Attems. 1.

Hypozoneum n. gen. [Diplopoda]. Cook. 7.

——— *anurum*. Cook. 7.

Isaphe n. gen. [Diplopoda]. Cook. 7.

——— *convexa*. Cook. 7.

JULUS [Diplopoda].

——— *apenninorum* var. *segregatus*
n. var. Léger et Duboseq. 12.

——— *fimbriatus*. Attems. 1.

——— *rebelli*. Attems. 1.

LAMYCTES [Chilopoda].

——— *fulvicornis* var. *hawaiiensis*
n. var. Silvestri. 19.

——— *heterotarsus*. Silvestri. 19.

LEIODESMUS [Diplopoda].

——— *carcani*. Silvestri. 17.

——— *orlandi*. Silvestri. 17.

LEPTODESMUS [Diplopoda].

——— *corniger*. Brölemann. 5.

LITHOBIUS [Chilopoda].

——— *blanchardi*. Léger et
Duboseq. 12.

——— *carodontus*. Attems. 2.

——— *jugorum*. Attems. 2.

——— *nodulipes* var. *nicoensis* n.
var. Brölemann. 6.

——— *nudicornis*: *corsicus* n.
subsp. Léger et Duboseq. 12.

- MECISTOCEPHALUS** [Chilopoda].
 ——— *edentulus*. Attems. 2.
- NANOSTREPTUS** [Diplopoda].
 ——— *mattogrossensis*. Silvestri. 17.
 ——— *piraynus*. Silvestri. 17.
- NEWPORTIA** [Chilopoda].
 ——— *amazonica*. Brölemann. 5.
 ——— *bicegoi*. Brölemann. 5.
- NOTOPHILIDES** [Chilopoda].
 ——— *grandis*. Brölemann. 5.
- Onychelus** n. gen. [Diplopoda]. Cook. 7.
 ——— *robustus*. Cook. 7.
- ORTHOPORTUS** [Diplopoda].
 ——— *heterogona*. Silvestri. 17.
- PACHYJULUS** [Diplopoda].
 ——— *pygmaeus*. Attems. 1.
- PARAJULUS** [Diplopoda].
 ——— *alaskanus*. Cook. 7.
- Parascutigera** n. gen. [Chilopoda].
 ——— *Verhoeff*. 26.
 ——— *dahli*. Verhoeff. 26.
- PLUSIOPURUS** [Diplopoda].
 ——— *gigliotosi*. Silvestri. 17.
- POLYDESMUS** [Diplopoda].
 ——— *almassyi*. Attems. 2.
 ——— *stammeri*. Attems. 2.
 ——— *strongylosomoides*. Attems. 2.
- POLYXENUS** [Diplopoda].
 ——— *hawaiiensis*. Silvestri. 19.
- Pselliophora** n. gen. [Chilopoda].
 ——— *Verhoeff*. 26.
 ——— *annuligera*. Verhoeff. 26.
 ——— *pulchritarsis*. Verhoeff. 26.
- PSEUDONANNOLENE** [Diplopoda].
 ——— *abbreviata*. Silvestri. 17.
 ——— *auguralis*. Silvestri. 17.
 ——— *brevis*. Silvestri. 17.
 ——— *centralis*. Silvestri. 17.
 ——— *exilio*. Brölemann. 5.
 ——— *meridionalis*. Silvestri. 17.
 ——— *parrula*. Silvestri. 17.
 ——— *rocana*. Silvestri. 17.
- Sandalodesmus** n. gen. [Diplopoda].
 ——— *Silvestri*. 17.
 ——— *bertonii*. Silvestri. 17.
- SCHENDYLA** [Chilopoda].
 ——— *montana* var. *monoeci* n. var. Brölemann. 6.
 ——— *paulista*. Brölemann. 5.
 ——— *vizzavonae*. Léger et Duboscq. 12.
- SCHIZOPHYLLUM** [Diplopoda].
 ——— *corsicum*. Léger et Duboscq. 12.
- Sphendononema** n. gen. [Chilopoda].
 ——— *Verhoeff*. 26.
 ——— *camerunense*. Verhoeff. 26.
- STIGMATOGASTER** [Chilopoda].
 ——— *arcis-herculis*. Brölemann. 6.
- Thereuonema** n. gen. [Chilopoda].
 ——— *Verhoeff*. 26.
 ——— *amokiana*. Verhoeff. 26.
- Thereuopoda** n. subgen. [Chilopoda].
 ——— *Verhoeff*. 26.
- Tianella** n. gen. [Diplopoda]. Attems. 2.
 ——— *fastigata*. Attems. 2.
- Tylobolus** n. gen. [Diplopoda]. Cook. 7.
 ——— *descs*. Cook. 7.
- Xystocheir** n. gen. [Diplopoda]. Cook. 7.
 ——— *acuta*. Cook. 7.
 ——— *obtusa*. Cook. 7.

3603-3631.

APTERA (or
APTERYGOGENEA).
ANOPLURA.
MALLOPHAGA

THYSANOPTERA (or
PHYSOPODA).
SIPHONAPTERA (or
APHANIPTERA).

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Escherich, K[arl]. 13. Das System der Lepismatiden.

Filipčenko, Ju. A. 14. Zur Anatomie der *Campodea staphylinus* Westw. (Russ.)

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des weiblichen Hundesflohes (*Pulex canis* Dugès s. *serraticeps* Taschenberg.) [3631].

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COMPARATIVE ANATOMY.

Verhoeff, Karl. W. 33. Zur vergleichenden Morphologie und Systematik der Japygidien, zugleich 2. Aufsatz über den Thorax der Insekten.

APPENDAGES.

Cholodkovsky, N[ikolaj]. 9. Zur Kenntnis der Mundwerkzeuge und Systematik der Pediculiden.

SPECIAL GLANDS.

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ORGANS OF UNCERTAIN NATURE.

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3615 DEVELOPMENT.

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Froggatt, W. W. 17. The genus *Idolothrips*, Haliday. Notes on the development and ethology.

3619 ETHOLOGY.

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Froggatt, Walter W. 17. *Idolothrips*, notes on the development and ethology.

LUMINOSITY.

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Absolon, Karl. 1. Studien an Höhlenthysanuren. (Czechisch.)

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Enderlein, Günther. 11. *Lepidophthirus* [!] nov. gen., eine Laus der Elephantenrobbe von der Kerguelen-Insel. 6. Beitrag zur Kenntnis der antarktischen Fauna.

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Webster, F. M. 38. The onion thrips *Thrips tabaci* Lindem.

3623 VARIATION AND ÆTIOLOGY.

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da SWEDEN.

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f AFRICA.

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Rothschild, Hon. N. C. 26. New species of Siphonaptera from Egypt.

Wahlgren, Einar. 36. Zwei neue Puliciden aus Ägypten.

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g NORTH AMERICA.

Baker, Carl F. 4. A revision of American Siphonaptera, or fleas, together with a complete list and bibliography.

ga ALASKA.

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Silvestri, F. 30. Materiali per lo studio dei Tisanuri. V. Tisanuri trovati da altri e da me nell'America meridionale.

hi ARGENTINA.

Rothschild, N. C. 27. Description of a new species of Siphonaptera from S. America.

i AUSTRALASIA.

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Froggatt, Walter W. 17. Studies on Australian Thysanoptera: the genus *Idolothrips* Haliday.

l ATLANTIC.

lb CAPE VERDE ISLANDS.

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Carpenter, G. H. 6. Collembola from Hawaii.

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o ANTARCTIC.

oc KERGUELEN ISLANDS.

Enderlein, Günther. 11. *Lepidoplthirus* [?], nov. gen., eine Laus der Elefantenrobbe von der Kerguelen-Insel. 6. Beitrag zur Kenntnis der antarktischen Fauna.

3631 TAXONOMY AND SYSTEMATIC.

APTERA.

GENERAL.

Carpenter, D. H. Aptera. In: Annandale, N. Contributions to terres-

trial zoology of the Faroes. Pt. 1. Edinburgh, Proc. R. Physic. Soc., 1902-1904, (153-160).

Csiki, E. Die Läuse. (Ungarisch) Rovart. L., Budapest, 11, 1901, (177-184).

Folsom, J. W. Apterygota of Alaska. [With bibliography.] [Reprinted from Washington, D.C., Proc. Acad. Sci., 4, 1902, (87-116, with pl.)] Alaska [Harriman Expedition]. New York, 8, 1904, (83-114, with pl.).

THYSANURA.

GENERAL.

Absolon, K. Studien an Höhlenthysanuren. (Čechisch) Prostějov, Věstn. Kl. Přírod., 3, 1901, (83-117, mit 2 Taf.).

Escherich, K. Das System der Lepismatiden. Zoologica, Stuttgart, H. 43 (= Bd 18, Lfg 1-2), 1904, (1-164, mit 4 Taf.).

Silvestri, Filippo. Tisanuri trovati da altri e da me nell'America meridionale. Firenze, Boll. Soc. entom., 33, (1901), 1902, (229-247, con 6 fig.).

Verhoeff, K. W. Zur vergleichenden Morphologie und Systematik der Japygiden, zugleich 2. Aufsatz über den Thorax der Insekten. Arch. Natg., Berlin, 70, Bd 1, 1904, (63-114, mit 3 Taf.).

SPECIAL.

Acerotelsa n. gen., *A. gigantea*, *A. producta*, *A. impudica* nn. spp. **Escherich, K.** Zoologica, Stuttgart, H. 43, (= Bd 18, Lfg 1-2), 1904, (1-164).

Atelura nn. spp. **Escherich, K.** *l.e.* (1-164); *A. sudanensis* n. sp. Sudan. **Escherich, K.** v. Wasmann, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (20).

Braunsina n. gen., *B. grassii*, *B. heymonsi* nn. spp. **Escherich, K.** Zoologica, Stuttgart, H. 43, (= Bd 18, Lfg 1-2), 1904, (1-164).

Campodea staphylinus, Anatomie. **Filipčenko, J.** St. Petersburg, Trav. Soc. Nat., 35, 1904, (440-451); deutsches Rés., (455-456).

Ctenolepisma n. gen., *C. michaëlseni*, *C. longicaudata*, *C. vershynsii*, *C. grandipalpis*, *C. ueberi*, *C. albida*, *C. transcaspica*, *C. kraepelini* nn. spp. **Escherich**, K. Zoologica, Stuttgart, H. 43, (= Bd 18, Lfg 1-2), 1904, (1-164).

Eutrichocampa nn. spp. America meridionale. **Silvestri**, F. Firenze, Boll. Soc. entom., 33, trimestre, 3-4, (1901), 1902, (229-247, con 6 fig.).

Heterolepisma n. gen. **Escherich**, K. Zoologica, Stuttgart, H. 43, (= Bd 18, Lfg 1-2), 1904, (1-164).

Isolepisma n. gen., *I. trisetosa* n. sp. **Escherich**, K. l.c. (1-164).

Japyx nn. spp. **Verhoeff**, K. W. Arch. Natg., Berlin, 70, Bd 1, 1904, (63-114, mit 3 Taf.); *J.* nn. spp. **Silvestri**, F. Firenze, Boll. Soc. entom., 33, (trimestre 3°-4°), (1901), 1902, (212-222, con 21 fig.); *J. sharpi* n. sp. Kauai. **Silvestri**, F. Fauna Hawaiiensis, Cambridge, 3, 1904, (293, pl. VIII, figs. 1, 2).

Lepidospora n. gen., *L. braueri*, *L. gracilis* nn. spp. **Escherich**, K. Zoologica, Stuttgart, H. 43, (= Bd 18, Lfg 1-2), 1904, (1-164).

Lepisma nn. spp. **Escherich**, K. l.c. (1-164); *L.* nn. spp. America meridionale. **Silvestri**, F. Firenze, Boll. Soc. entom., 33, trimestre 3-4, (1901), 1902, (229-247, con 6 fig.); *L. hawaiiensis* n. sp. Kauai. **Silvestri**, F. Fauna Hawaiiensis, Cambridge, 3, 1904, (296, pl. VIII, fig. 19); *L. pulchella* n. sp. delle isole del Capo Verde. **Silvestri**, F. Firenze, Boll. Soc. entom., 33, trimestre 3°-4°, (1901), 1902, (227-229).

Lepismina persica n. sp. **Escherich**, K. Zoologica, Stuttgart, H. 43, (= Bd 18, Lfg 1-2), 1904, (1-164).

Machilis nn. spp. America meridionale. **Silvestri**, F. Firenze, Boll. Soc. entom., 33, trimestre 3-4, (1901), 1902, (229-247, con 6 fig.); *M.* nn. spp. Kauai. **Silvestri**, F. Fauna Hawaiiensis, Cambridge, 3, 1904, (291-295).

Nicoletia nn. spp. **Silvestri**, F. Firenze, Boll. Soc. entom., 33, trimestre 3°-4°, (1901), 1902, (223-227, con 6 fig.); *N. grassii* n. nom. = *N. phytophila* Grassi-Rov. **Escherich**, K. Zoologica, Stuttgart, H. 43, (= Bd 18, Lfg 1-2), 1904, (1-164).

Projapyx, circa alcuni caratteri morfologici e loro importanza filogenetica.

Silvestri, F. Firenze, Boll. Soc. entom., 33, (trimestre 3°-4°), (1901), 1902, (204-212, con 15 fig.).

Silvestrella n. gen., *S. termitophila*, *S. myrmecophila* nn. spp. **Escherich**, K. Zoologica, Stuttgart, H. 43, (= Bd 18, Lfg 1-2), 1904, (1-164).

Thermobia longimana n. sp. **Escherich**, K. l.c. (1-164).

COLLEMBOLA.

GENERAL.

Axelsson, W. M. Verzeichniss einiger bei Golaa, im südöstlichen Norwegen eingesammelten Collembolen. Entomol. Tidskr., Stockholm, 25, 1904, (65-84).

SPECIAL.

Achorutes nivalis n. sp. Sweden. **Ågren**, H. Entomol. Tidskr., Stockholm, 24, 1903, (126); *A. propinquus* n. sp. Edinburgh. **Carpenter**, G. H. and **Evans**, W. Edinburgh, Proc. R. Physic. Soc., 15, 1904, (217, pl. IV, figs. 10-14).

Brachystomella n. gen., *B. maritima* n. sp. Sweden. **Ågren**, H. Entomol. Tidskr., Stockholm, 24, 1903, (127).

Degeeria nivalis L. in Poland. **Chełkowski**, S. Wszechświat, Warszawa, 23, 1904, (172).

Isotoma intermedia n. sp. Sweden. **Schött**, H. Stockholm, Vet.-Ak. Bih., Afd. IV, 28, No. 2, 1902, (25-26, with pl.); *I. perkinsi* n. sp. Kauai. **Carpenter**, G. H. Fauna Hawaiiensis, Cambridge, 3, 1904, (302, pl. IX, figs. 17-19).

Lepidocyrtus heterophthalmus n. sp. Hawaii. **Carpenter**, G. H. l.c. (300, pl. IX, fig. 1); *L. ruber* n. sp. Sweden. **Schött**, H. Stockholm, Vet.-Ak. Bih., Afd. IV, 28, No. 2, 1902, (31-33, with pl.).

Neanura citronella n. sp. **Carpenter**, G. H. Fauna Hawaiiensis, Cambridge, 3, 1904, (303, pl. IX, figs. 20-27).

Odontella suecica n. sp. Sweden. **Ågren**, H. Entomol. Tidskr., Stockholm, 24, 1903, (128).

Onychiurus affinis n. sp. Sweden. **Ågren**, H. l.c. (128).

Pseudachorutes nn. spp. Sweden. Schött, H. Stockholm, Vet.-Ak. Bih., Afd. IV, **23**, No. 2, 1902, (13-15, with pl.); *P. silvaticus* n. sp. Sweden. Ågren, H. Entomol. Tidskr., Stockholm, **24**, 1903, (127-128).

Pseudosinella sexoculata n. sp. Sweden. Schött, H. Stockholm, Vet.-Ak. Bih., Afd. IV, **23**, No. 2, 1904, (31-35, with pl.).

Schöttella nn. spp. Sweden. Schött, H. l.c. (10-12, with pl.).

Tomocerus plumbeus L., Ventraltubus und Beziehungen zu den grossen unteren Kopfdrüsen. Ein Beitrag zur Kenntnis der Collembolen. Hoffmann, R. W. Zool. Anz., Leipzig, **28**, 1904, (87-116).

Xenylla pallida n. sp. Sweden. Ågren, H. Entomol. Tidskr., Stockholm, **24**, 1903, (126-127).

Aptinothrips rufa, in grass on boggy ground. Tolf, R. Sv. Mosskult. Tidskr., Jönköping, **17**, 1903, (113-114).

Idolothrips, notes on the genus. Froggatt, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (51-57, with 1 pl.).

Leucothrips n. gen., *L. nigripennis* n. sp. Reuter, O. M. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (106-109).

Physopus tennicornis an Hafer. Hollrung, [M.] Natw. Zs. Landw., Stuttgart, **1**, 1903, (200-201).

Thrips tabaci. Webster, F. M. Quarterly Journal of Proceedings, Columbus, Ohio, **16**, 1901, (74-80, with pl.).

SIPHONAPTERA.

GENERAL.

Baker, F. A revision of American Siphonaptera, or fleas, together with a complete list and bibliography of the group. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (365-469, with 17 pls.). Separate. 24.5 cm.

Rothschild, Hon. N. C. Further contributions to the knowledge of the Siphonaptera. Nov. Zool., Tring, **11**, 1904, (602-653, pls. VII-XVI).

Semenov, A. Sur la position dans le système des Pulicidae (Aphaniptera s. Siphonaptera auctorum). Rev. russ. ent., Jaroslavl', **4**, 1904, (277-283).

SPECIAL.

Haemodipsus n. gen. Enderlein, G. Zool. Anz., Leipzig, **28**, 1904, (143).

Hoplopleura n. gen. (~ *Haematopinus*). Enderlein, G. l.c. (221).

Lepidophthirus n. gen. Kerguelen-Insel. Enderlein, G. l.c. (43-47).

Polyplaz n. gen. Enderlein, G. l.c. (142).

Solenopotes n. gen., *S. capillatus* n. sp. Enderlein, G. l.c. (113-114).

Trichaulis n. gen. Enderlein, G. l.c. (1-11).

THYSANOPTERA.

Acanthothrips spp. Franklin, H. J. Psyche, Cambridge, Mass., **10**, 1903, (221-223).

Ceratopsylla consimilis n. sp. Ägypten. Wahlgren, E. Res. exp. Egypt, Uppsala, Pt. I, 1904, (4, with pl.);

C. palposus n. sp. Brit. Columbia. Rothschild, Hon. N. C. Nov. Zool., Tring, 11, 1904, (652); *C. signata* n. sp. Java. Wahlgren, E. Ark. Zool., Stockholm, 1, 1-2, 1903, (189-190, with pl.); *C. wolfsolmi* n. sp. Paraguay. Rothschild, N. C. Rev. chilena, Valparaiso, 8, 1904, (147-148).

Chaetopsylla mikado n. sp. Japan. Rothschild, Hon. N. C. Nov. Zool., Tring, 11, 1904, (645, pl. XIV, fig. 76).

Ctenophthalmus genalis nn. spp. America. Baker, C. F. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1904, (421-424); *C. pseudagrytes*, characters; nn. spp. Rothschild, Hon. N. C. Nov. Zool., Tring, 11, 1904, (641-643, pl. XIV, figs. 73, 78; pl. XV, fig. 81).

Ctenopsyllus nn. spp. Rothschild, Hon. N. C. l.c. (646-652); *C. hesperomys* n. sp. America. Baker, C. F. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1904, (428).

Lycopsylla n. gen. near *Pulex*, L. novus n. sp. New South Wales. Rothschild, Hon. N. C. Nov. Zool., Tring, 11, 1904, (602, pl. VII, figs. 1-4).

Malacopsylla = (*Megapsylla* Baker). Rothschild, Hon. N. C. l.c. (603); *M.* nn. spp. S. America. Rothschild, Hon. N. C. l.c. (604-606).

Megapsylla inermis n. sp. Argentina. Wahlgren, E. Ark. Zool., Stockholm, 1, 1-2, 1903, (194-195, with pl.).

Oncopsylla n. gen., type *Pulex vulpes* Ritsema. Wahlgren, E. l.c. (186-188).

Pulex. Rivers, J. J. Los Angeles, Bull. So. Cal. Acad. Sci., 2, 1903, (118-120); *P.* nn. spp. America. Baker, C. F. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., 27, 1904, (379-383); *P.* nn. spp. Egypt. Rothschild, Hon. N. C. Entomologist, London, 1904, (3); *P.* nn. spp. Rothschild, Hon. N. C. Nov. Zool., Tring, 11, 1904, (608-620, pls. VIII-X); *P. alternans* n. sp. Ägypten. Wahlgren, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (4, with pl.); *P. canis* Dugès s. *serraticeps* Taschenberg. Lass, M. Diss. Berlin [Druck v. Wildgrube & Co.], 1901, (42); *P. vagabunda* Bohem. = *Ceratophyllus digitalis* Wahlgr. Wahlgren, E. Entomol. Tidskr., Stockholm, 24, 1903, (219).

Typhloceras rosenbergi n. sp. Ecuador. Rothschild, Hon. N. C. Nov. Zool., Tring, 11, 1904, (639, pl. XIII, figs. 68, 69, pl. XIV, figs. 71, 74).

Typhlopsylla monticolae n. sp. Kohaut, R. Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., 2, 1904, (87-89, av. 1 fig.); *T. tristis* to *Ceratophyllus*. Rothschild, Hon. N. C. Nov. Zool., Tring, 11, 1904, (625, pl. XI, figs. 45, 47).

Vermipsylla strandi n. sp. Finnmarken. Wahlgren, E. Ark. Zool., Stockholm, 1, 1-2, 1903, (190-191, with pl.).

Xestopsylla, n. gen., type *Sarcopsylla gallinacea* Westwood. Baker, C. F. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., 27, 1904, (374).

LIST OF NEW GENERA AND SPECIES.

ACHORUTES [Collembola].

- *nivalis*. Ågren. 2.
- *propinquus*. Carpenter and Evans. 7.

Acrotelsa n. gen. [Thysanura]. Escherich. 13.

- *gigantea*. Escherich. 13.
- *impudica*. Escherich. 13.
- *producta*. Escherich. 13.

Anomiopsyllus n. gen. [Siphonaptera]. Baker. 4.

ATELURA [Thysanura].

- *anommatidis*. Escherich. 13.
- *desneuxi*. Escherich. 13.
- *sudanensis*. Escherich. 37.
- *wheeleri*. Escherich. 13.

Brachystomella n. gen. [Collembola]. Ågren. 2.

- *maritima*. Ågren. 2.

Braunsina n. gen. [Thysanura]. Escherich. 13.

- *grassii*. Escherich. 13.
- *heymonsi*. Escherich. 13.

CERATOPHYLLUS [Siphonaptera].

- *agrippinae*. Rothschild. 25.
- *ahalae*. Rothschild. 25.
- *alaskensis*. Baker. 4.
- *alladinis*. Rothschild. 25.
- *angulatus*. Wahlgren. 35.
- *aretomys*. Baker. 4.
- *asio*. Baker. 4.

CERATOPHYLLUS [Siphonaptera].

- _____ *californicus*. Baker. 4.
- _____ *canadensis*. Baker. 4.
- _____ *ciliatus*. Baker. 4.
- _____ *dentatus*. Baker. 1.
- _____ *digitalis*. Wahlgren. 35.
- _____ *dorippae*. Rothschild. 25.
- _____ *endymionis*. Rothschild. 25.
- _____ *eremicus*. Baker. 1.
- _____ *groenlandicus*. Wahlgren. 35.
- _____ *hendeyi*. Rothschild. 26.
- _____ *hilli*. Rothschild. 25.
- _____ *idahoensis*. Baker. 4.
- _____ *labiatus*. Baker. 4.
- _____ *leucopus*. Baker. 4.
- _____ *lucidus*. Baker. 4.
- _____ *noraequineae*. Rothschild. 25.
- _____ *numac*. Rothschild. 25.
- _____ *ochi*. Rothschild. 25.
- _____ *octavii*. Rothschild. 25.
- _____ *oculatus*. Baker. 4.
- _____ *perpinnatus*. Baker. 4.
- _____ *petiolatus*. Baker. 4.
- _____ *proximus*. Baker. 4.
- _____ *pseudaretomys*. Baker. 4.
- _____ *rectangulatus*. Wahlgren. 35.
- _____ *sexdentatus*. Baker. 4.
- _____ *stylosus*. Baker. 4.
- _____ *thomasi*. Rothschild. 25.
- _____ *tuberculatus*. Baker. 4.
- _____ *vison*. Baker. 4.
- _____ *wagneri*. Baker. 4.
- _____ *woodwardi*. Rothschild. 25.
- _____ *zethi*. Rothschild. 25.

CERATOPSYLLA [Siphonaptera].

- _____ *consimilis*. Wahlgren. 36.
- _____ *palposus*. Rothschild. 25.
- _____ *signata*. Wahlgren. 35.
- _____ *wolffsohni*. Rothschild. 27.

CHAETOPSYLLA [Siphonaptera].

- _____ *mikado*. Rothschild. 25.

Ctenolepisma n. gen. [Thysanura].

- _____ Escherich. 13.
- _____ *albida*. Escherich. 13.
- _____ *grandipalpis*. Escherich. 13.
- _____ *kraepelini*. Escherich. 13.
- _____ *longicaudata*. Escherich. 13.
- _____ *michaëlseni*. Escherich. 13.
- _____ *transcaspica*. Escherich. 13.
- _____ *versluisii*. Escherich. 13.
- _____ *weberi*. Escherich. 13.

CTENOPHTHALMUS [Siphonaptera].

- _____ *antignorum*. Rothschild. 25.
- _____ *genalis*. Baker. 4.
- _____ *pseudagyrtes*. Baker. 1.
- _____ *vennmanni*. Rothschild. 25.

CTENOPSYLLUS [Siphonaptera].

- _____ *aganippes*. Rothschild. 25.
- _____ *brooksi*. Rothschild. 25.
- _____ *granti*. Rothschild. 25.
- _____ *hesperomys*. Baker. 4.
- _____ *hygini*. Rothschild. 25.
- _____ *hyrtaci*. Rothschild. 25.

EUTRICHOCAMPA [Thysanura].

- _____ *chilensis*. Silvestri. 30.
- _____ *subterranea*. Silvestri. 30.

Haemodipsus n. gen. [Anoplura].

Enderlein. 12.

Heterolepisma n. gen. [Thysanura].

Escherich. 13.

Hoplopleura n. gen. [Anoplura].

Enderlein. 12.

Isolepisma n. gen. [Thysanura].

Escherich. 13.

_____ *trisetosa*. Escherich. 13.

ISOTOMA [Collembola].

- _____ *intermedia*. Schött. 28.
- _____ *perkinsi*. Carpenter. 6.

JAPYX [Thysanura].

- _____ *anodus*. Silvestri. 30.
- _____ *braueri*. Verhoeff. 33.
- _____ *centralis*. Silvestri. 30.
- _____ *coreygraeus*. Verhoeff. 33.
- _____ *dolinensis*. Verhoeff. 33.
- _____ *graeus*. Verhoeff. 33.
- _____ *grassii*. Verhoeff. 33.
- _____ *megalocerus*. Silvestri. 30.
- _____ *neotropicalis*. Silvestri. 30.
- _____ *patagonicus*. Silvestri. 30.
- _____ *papiasicus*. Silvestri. 30.
- _____ *platensis*. Silvestri. 30.
- _____ *sharpi*. Silvestri. 31.
- _____ *tunisinus*. Silvestri. 30.

LEPIDOCTRTUS [Collembola].

- _____ *heterophthalmus*. Carpenter. 6.
- _____ *ruber*. Schött. 28.

Lepidophthirus n. gen. [Anoplura].

Enderlein. 11.

Lepidospora n. gen. [Thysanura].

Escherich. 13.

- _____ *braueri*. Escherich. 13.
- _____ *gracilis*. Escherich. 13.

- LEPISMA** [Thysanura].
 — *andina*. Silvestri. 30.
 — *globosa*. Escherich. 13.
 — *hawaiiensis*. Silvestri. 31.
 — *oudemansi*. Escherich. 13.
 — *pampeana*. Silvestri. 30.
 — *persica*. Escherich. 13.
 — *pulchella*. Silvestri. 30.
 — *skorikowi*. Escherich. 13.

- LEPISMINA** [Thysanura].
 — *persica*. Escherich. 13.

- Leucothrips** n. gen. [Thysanoptera].
 Renter. 23.
 — *nigripennis*. Reuter. 23.

- Lycopsylla** n. gen. [Siphonaptera].
 Rothschild. 25.
 — *novus*. Rothschild. 25.

- MACHILIS** [Thysanura].
 — *appendiculata*. Silvestri. 30.
 — *heteropus*. Silvestri. 31.
 — *pampeana*. Silvestri. 30.
 — *perkinsi*. Silvestri. 31.
 — *platensis*. Silvestri. 30.

- MALACOPSYLLA** [Siphonaptera].
 — *agenoris*. Rothschild. 25.
 — *androcli*. Rothschild. 25.

- MEGAPSYLLA** [Siphonaptera].
 — *inermis*. Wahlgren. 35.

- NEANURA** [Collembola].
 — *citronella*. Carpenter. 6.

- NICOLETIA** [Thysanura].
 — *armata*. Silvestri. 30.
 — *grassii* n. nom. Escherich. 13.
 — *neotropicalis*. Silvestri. 30.
 — *subterranea*. Silvestri. 30.

- ODONTELLA** [Collembola].
 — *succica*. Ågren. 2.

- Oncopsylla** n. gen. [Siphonaptera].
 Wahlgren. 35.

- ONYCHIURUS** [Collembola].
 — *affinis*. Ågren. 35.

- Polyplax** n. gen. [Anoplura]. Enderlein. 12.

- PSEUDACHORUTES** [Collembola].
 — *börneri*. Schött. 28.
 — *silvaticus*. Ågren. 2.
 — *tuberculatus*. Schött. 28.

- PSEUDOSINELLA** [Collembola].
 — *sexoculata*. Schött. 28.

- PULEX** [Siphonaptera].
 — *affinis*. Baker. 4.
 — *alternans*. Wahlgren. 36.
 — *anomalus*. Baker. 4.
 — *australis*. Rothschild. 25.
 — *brasilienis*. Baker. 4.
 — *cleopontis*. Rothschild. 25.
 — *cocyti*. Rothschild. 25.
 — *concitus*. Rothschild. 25.
 — *corfidii*. Rothschild. 25.
 — *creusae*. Rothschild. 25.
 — *eridas*. Rothschild. 25.
 — *erilli*. Rothschild. 25.
 — *klagesi*. Rothschild. 25.
 — *lutzii*. Baker. 4.
 — *lynæ*. Baker. 4.
 — *mycerini*. Rothschild. 26.
 — *pyramidis*. Rothschild. 26.
 — *ramesis*. Rothschild. 26.
 — *riggenbachi*. Rothschild. 25.
 — *simonsi*. Rothschild. 25.

- SCHÖTTELLA** [Collembola].
 — *crassicornis*. Schött. 28.
 — *sensibilis*. Schött. 28.

- Silvestrella** n. gen. [Thysanura].
 Escherich. 13.
 — *myrmecophila*. Escherich. 13.
 — *termitophila*. Escherich. 13.

- Solenopotes** n. gen. [Anoplura].
 Enderlein. 12.
 — *capillatus*. Enderlein. 12.

- THERMOBIA** [Thysanura].
 — *longimana*. Escherich. 13.

- Trichaulus** n. gen. [Anoplura].
 Enderlein. 12.

- TYPHLOCERAS** [Siphonaptera].
 — *rosenbergi*. Rothschild. 25.

- TYPHLOPSYLLA** [Siphonaptera].
 — *monticola*. Kohaut. 20.

- VERMIPSYLLA** [Siphonaptera].
 — *strandii*. Wahlgren. 35.

- XENYLLA** [Collembola].
 — *pallida*. Ågren. 2.

- Xestopsylla** n. gen. [Siphonaptera].
 Baker. 4.

3803-3831 ORTHOPTERA, NEUROPTERA, AND TRICHOPTERA.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

Adelung, N. Eine neue *Ectobia*, *E. duskei* n. sp. vom Bogdo, sowie einige Bemerkungen über russische Varietäten der *E. perspicillaris* Herbst (*lividia* Fabr.). St. Petersburg, Hor. Soc. ent. Ross., **37**, 1901, (127-137). [3827 *db* 3831]. 1

Baer, W. Zur Orthopterenfauna der preussischen Oberlausitz. Nebst einigen Bemerkungen über seltene in Königr. Sachsen vorkommende Orthopteren. Görlitz, Abh. natf. Ges., **24**, 1901, (123-127). [3827 *de*]. 2

Banks, Nathan. Neuropteroid insects of the expedition. (Reprinted from Washington, D.C., Proc. Acad. Sci., **2**, 1900, (465-476, with pl.)) [In: Alaska Harriman Expedition, edited by C. Hart Merriam. Vol. 8.] New York, 1904, (155-168, with pl.). [3827 *ga* 3831]. 3

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Borelli, Alfredo. 7. Forficole raccolte dal dott. Filippo Silvestri nella Repubblica Argentina e regione vicine.

i AUSTRALASIA.

ie NEW SOUTH WALES.

Bolivar, I. 6. Notes on the *Pyrgomorphidae*. (Spanish) II. Subfam. *Sphenariinae*. III. *Tapesinae*. IV. *Taphronotinae*. V. *Phymateinae*. VI. *Poecilocerinae*. VII. *Pyrgomorphinae*.

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3831 TAXONOMY AND
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Ancistrogaster pocilocera n. sp. Kamerun. **Borg, H.** Ark. Zool., Stockholm, **1**, 1904, (576-577, with pl.).

Anechura schlagintweitii n. sp. Tibet. **Burr, M.** London, Trans. Ent. Soc., **1904**, (313).

Anisolabis n. spp. India, Madagascar. **Burr, M.** *l.c.* (291); *A. cocca* n. sp. Argentina. **Borelli, A.** Torino, Boll. Musei zool. anat., **17**, No. 418, 1902, (1-7, con 2 fig.); *A. peregrina* n. sp. Schweden. **Mjöberg, E.** Entomol. Tidskr., Stockholm, **25**, 1904, (131-132).

Apterygida nn. spp. Abyssinia, Darjiling. **Burr, M.** London, Trans. Ent. Soc., **1904**, (317-318); *A. athymia* n. nom. (= *Forficula japonica* De Bormans (not of De Haan)). **Rehn, J. A. G.** Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (540).

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Chaetospania volcana n. sp. Madagascar. **Burr, M.** *l.c.* (301).

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Diplatys nn. spp. **Burr, M.** London, Trans. Ent. Soc., **1904**, (280-285).

Forcipula quelchi n. sp. Brit. Guiana. **Burr, M.** *l.c.* (289).

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Labidura nn. spp. Kamerun. **Borg**, H. Ark. Zool., Stockholm, **1**, 1901, (565-567, with pl.).

Labidurodes nitidus n. sp. Madagascar. **Burr**, M. London, Trans. Ent. Soc., **1904**, (290).

Odontopsalis n. gen., *O. harmandi*, *O. lewisi* nn. spp. Japan. **Burr**, M. l.e. (315-317).

Opisthocosmia nn. spp. **Burr**, M. l.e. (307-312).

Parisolabris n. gen., *P. novaezeelandiae* n. sp. **Verhoeff**, K. W. Arch. Natg., Berlin, **70**, Bd 1, 1901, (115-121).

Platylabia nn. spp. Kamerun. **Borg**, H. Ark. Zool., Stockholm, **1**, 1901, (570-572, with pl.); *P. gestroi* ♀. **Burr**, M. London, Trans. Ent. Soc., **1904**, (300).

Sparatta bongiana n. sp. Kamerun. **Borg**, H. Ark. Zool., Stockholm, **1**, 1901, (573-571, with pl.); *S. w. signata* n. sp. Mexico. **Burr**, M. London, Trans. Ent. Soc., **1904**, (302).

Spongiphora oeliracea n. sp. Kamerun. **Borg**, H. Ark. Zool., Stockholm, **1**, 1901, (569-570, with pl.).

Tomopygia n. gen. type *Cylindrogaster abnormis*, *T. sinensis* n. sp. Berlin. **Burr**, M. London, Trans. Ent. Soc., **1904**, (287, 288).

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Anapleeta platyecephala n. sp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (542).

Blatta, embryology, skeleton. **Riley**, W. A. Amer. Nat., Boston, Mass., **38**, 1904, (777-810, with text fig.); *B. germanica*, Spermatogenese. **Wassilieff**, A. Anat. Anz., Jena, **25**, 1901, (257-260); *B. senecta* n. sp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (554).

Calolampra pedisequa n. sp. **Rehn**, J. A. G. l.e. (547).

Chorisoneura africana n. sp. Kamerun. **Borg**, Hj. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 10, 1902, (5-6).

Deropeltis gaboonica n. sp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (556); *D. tullbergi* n. sp. Kamerun. **Borg**, Hj. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 10, 1902, (16-17, with pl.).

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Ectobius maori n. sp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (541).

Ellipsoidion histrionicum n. sp. **Rehn**, J. A. G. l.e. (544).

Epilampra nn. spp. Kamerun. **Borg**, Hj. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 10, 1902, (8-15, with pl.); *E.* nn. spp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1901, (548-549); *E. excelsa* n. sp. Himalaya. **Navás**, L. Zaragoza, Bol. Soc. Arag., **3**, 1904, (131).

Etblattina† nn. spp. Kansas. **Sellards**, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1901, (131, 213); *E. pygmaea*† n. sp. Ottweiler Schichten, Rheinpreussen. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1901, (454-457, mit 1 Taf.); *E. steinmanni*† n. sp. **Sterzel**, J. T. Chemnitz, Ber. natw. Geo., **15**, (1899-1903), 1901, (LXIX-LXXII).

Eustegasta parva n. sp. Kamerun. **Borg**, Hj. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 10, 1902, (31-32).

Gerablattina arcuata† n. sp. Kansas. **Sellards**, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1901, (216, with text fig.).

Gyna n. spp. Kamerun. **Borg**, Hj. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 10, 1902, (20-22, with pl.).

Isoniscus n. gen., *I. sjöstedti* n. sp. Kamerun. **Borg**, Hj. l.c. (28-29, with pl.).

Limmatoblatta† n. gen., *L. permensis*† n. sp. Permformation Russlands. **Handlirsch**, A. St. Petersburg, Mem. Ac. Sc. (8 Ser.), **16**, 5, 1904, (8).

Mylacris anceps† n. sp. Illinois. **Sellards**, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (129).

Opistoplatia plicata n. sp. Himalaya. **Navas**, L. Zaragoza, Bol. Soc. Arag., **3**, 1904, (130).

Oxyhaloa saussurei n. sp. Kamerun. **Borg**, Hj. Stockholm, Vet.-Ak. Bih. Afd. IV, **28**, No. 10, 1902, (29-30).

Panchlora n. spp. Kamerun. **Borg**, Hj. l.c. (23-25, with pl.).

Panesthia cetrifera n. sp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (559).

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Pilema thoracica, habits. **Distant**, W. L. Insecta transvaaliensia Vol. 1, 1904, (97).

Proscratea bilineata n. sp. Philippines. **Navas**, L. Zaragoza, Bol. Soc. Arag., **3**, 1904, (135).

Rhincoda desidiosa n. sp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (552).

Schizoblattina n. gen., *S. multinervia*† n. sp. Kansas. **Sellards**, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (217).

Theganopteryx nitida n. sp. Kamerun. **Borg**, Hj. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 10, 1902, (4-5, with pl.).

(x 2-5658)

Thyrsocera tessellata n. sp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (515).

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Blepharix mendica Fabr., Mimicry. **P[ekár]**, K. Term. Közl., Budapest, **36**, 1904, (336-339).

Carrilia costalis n. sp. Abyssinia. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (85).

Derroplatys desiccata, Mimicry. **P[ekár]**, K. Term. Közl., Budapest, **36**, 1904, (336-339).

Fischeria baetica, Beschreibung der Larven. **Werner**, F. Wien, Verh. ZoolBot. Ges., **53**, 1903, (65-69).

Gongylus gongyloides, habits and life-history. **Williams**, C. E. London, Trans. Ent. Soc., **1904**, (125-137).

Hapalopeza maculata n. sp. Ceylon. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (84).

Harpagonyx carlottae n. sp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nat. Mus. Proc., **27**, 1904, (568).

Hestiasula sarawaca Wertn., Mimicry. **P[ekár]**, K. Term. Közl., Budapest, **36**, 1904, (336-339).

Heteroclucta orientalis n. sp. E. Africa. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (87).

Humbertiella ocularis ♂, *H. brunneri* n. sp. Tombok. **Kirby**, W. F. l.c. (82).

Mantis religiosa, use of dimorphic colour. **Cesnola**, A. P. di. Biometrika, Cambridge, **3**, 1904, (58).

Palaeomantis† n. gen., *P. schmidt*† n. sp. Permformation Russlands. **Handlirsch**, A. St. Petersburg, Mem. Ac. Sc., (8 Ser.), **16**, 5, 1904, (4).

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Petromantis rossica† n. sp. Permian formation Russlands. **Handlirsch**, A. St. Peterburg, Mem. Ac. Sc., **16**, 5, 1904, (5).

Photina gracilipes n. sp. Pará? **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (86).

Polyspilota elegans n. sp. Himalaya. **Navas**, L. Zaragoza, Bol. Soc. Arag., **3**, 1904, (132).

Pseudochaeta n. gen., *P. strachani* n. sp. Lagos. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (88).

Pyrgomantis jonesi n. sp. W. Africa. **Kirby**, W. F. l.c. (83).

Rhombodera basalis De Haan, Mimicry. **P[é]kár**, K. Term. Közl., Budapest, **36**, 1904, (336-339).

Sphendale robusta n. sp. Nepal. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (86).

Stagmatoptera insatiabilis n. sp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (572); *S. typhon* n. sp. Nicaragua. **Rehn**, J. A. G. Canad. Ent., Toronto, **36**, 1904, (107-108).

Stagmomantis theophila n. sp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (563).

Theopompa westwoodi n. sp. W. Africa. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (81).

Vates townsendi n. sp. **Rehn**, J. A. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (573).

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Rehn, J. A. G. Studies in the Orthopterous family Phasmidae. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (38-107).

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Acanthoecloia? *paradoxa* n. sp. Santarem. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (444).

Acanthomina n. gen. for *Anophelepis rhipheus* Westw. **Kirby**, W. F. l.c. (438).

Aplopus nn. spp. Caribbean Sea and Porto Rico. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (65-68).

Arrhidaeus apalamnus n. sp. Moluccas. **Rehn**, J. A. G. l.c. (85).

Bacillus rossii Fabr., Beiträge zur Kenntnis der Ovarien nebst einigen biologischen Bemerkungen **Daiber**, M. Jenaische Zs. Natw., **39**, 1904, (177-202, mit 2 Taf.).

Baetriaea ridleyi n. sp. Singapore. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (429).

Bostra nn. spp. Costa Rica. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (57-58); *B. jaliscensis* n. sp. Mexico. **Rehn**, J. A. G. l.c. (514).

Calvisia maculata n. sp. Penang. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (435).

Carausius nn. spp. Lower Siam and Moluccas. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (42-46).

Ceroys bigibbus n. sp. Nicaragua. **Rehn**, J. A. G. l.c. (48).

Datames aequalis n. sp. Moluccas. **Rehn**, J. A. G. l.c. (89).

Eubulides spuria n. sp. Australia. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (441).

Eurycantha willeyi n. sp. = (*horrida* Sharp nec Boisd.) and other nn. spp. **Kirby**, W. F. l.c. (443).

Eurytenema nn. spp. **Kirby**, W. F. l.c. (440).

Haaniella n. nom. for *Heteropteryx* Haan, nec Gray. **Kirby**, W. F. l.c. (444).

Haploplus evadne from Florida. **Caudell**, A. N. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (950, with text fig.).

Heteronemia ignara n. sp. Costa Rica. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (51).

Ignacia appendiculata n. sp. Nautica. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (146).

Lonchodes Gray = *Dirippus* Stål; *L. ? viridis* n. sp. Tonkin. **Kirby**, W. F. l.c. (373).

Macella caulodes n. sp. Lower Siam. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (80).

Marmessoidea phluctainoides n. sp. Japan. **Rehn**, J. A. G. l.c. (73); referred to *Arrhidæus*. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (138).

Myronides ashmeadi n. sp. Lower Siam. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (38).

Necroscia, *N. roseipennis* to be type, *N. tonkinensis* n. sp. Tonkin. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (436-437).

Neohirasea n. subgen. (of *Parapachymorpha*), type *Phasma* (*Acanthoderus*) *japonicum* Haan. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (84).

Olecyphides iridescens n. sp. Trinidad. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (415).

Oncotophasma n. gen., type *Bostra martini* Griffini. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (59).

Oreophoetes n. gen., type *Bacteria peruana* (Saussure). **Rehn**, J. A. G. l.c. (56).

Orthonecroscia n. nom. for *Necroscia* Brunn., and nn. spp. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (437).

Oxyartes lamellatus n. sp. Tonkin. **Kirby**, W. F. l.c. (374).

Parcatatosoma mocquersyi Finot. **Siebertz**, C. Natur u. Kultur, München, **1**, 1904, (693-694).

Phaenopharos n. gen. for *Lophophus struthioneus* Westw. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (433).

(x 2-5658)

Phasma, type is *P. empusa* **Kirby**, W. F. l.c. (439).

Phraortes mikado n. sp. Japan. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (40).

Planudes erenulipes n. sp. Costa Rica. **Rehn**, J. A. G. l.c. (38-107).

Promachus? nn. spp. Tonkin. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (375-376).

Pseudophasma nn. spp. S. America. **Kirby**, W. F. l.c. (417-418); *P.* nn. spp. Costa Rica. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (95, 98).

Sermyle physconia n. sp. Costa Rica. **Rehn**, J. A. G. l.c. (51).

Sipyloidea poeciloptera n. sp. Moluccas. **Rehn**, J. A. G. l.c. (77).

Sosibia peninsularis n. sp. Penang. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (434).

Stoelochodes n. gen. (*Lonchodes* pars), *S. gracillimus* n. sp. Tonkin. **Kirby**, W. F. l.c. (373).

Stratoctes nn. spp. Costa Rica. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (91-93).

Tersomia n. gen. *Bacteriinae*, *T. brasiliensis* n. sp. Iguarassu. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (431-432).

Nerosoma glyptomerion n. sp. Costa Rica. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (101).

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Anurogryllus antillarum. South-eastern U.S. **Caudell**, A. N. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (88-89).

Nemobius nn. spp. Ontario. **Walker**, E. M. Canad. Ent., Toronto, **36**, 1904, (182-183, 186-188).

Scapterisus didactylus. Porto Rico. **Barrett**, O. W. Agric. Exp. Sta. Porto Rico, Mayaguez, Bull. No. **2**, 1902, (20, with fig.). 23 cm. [Review] Washington, D.C., U. S. Dept. Agric. Off. Exp. Sta. Rec., **14**, 1903, (885-886).

LOCUSTIDAE.

GENERAL.

Krausze, A. H. Beiträge zur Kenntnis der geographischen Verbreitung einiger Conocephaliden. Insektenbörse, Leipzig, **21**, 1904, (237).

Walker, E. M. Notes on the *Locustidae* of Ontario. Canad. Ent., Toronto, **36**, 1904, (325-330, 337-341).

SPECIAL.

Capnobotes, table of species, *C. occidentalis*, habits, and var. *viridis* n. var. **Cockerell**, T. D. A. Entomologist, London, **1904**, (179-181).

Ceuthophilus macropus n. sp. Mexico. **Rehn**, James A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (545).

Conocephalus nn. spp. **Krausze**, A. H. Ent. Zs., Guben, **18**, 1904, (43); *C. teter* n. sp. Tonkin. **Krausze**, A. H. Ent. Zs., Guben, **17**, 1904, (74); *C. ultimus* n. sp. **Krausze**, A. H. Insektenbörse, Leipzig, **21**, 1904, (213).

Drymadusa arizonensis n. sp. Arizona. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (573).

Ephippiger australis Walter, notes. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (736); *E. idomenaei* Luc., Beschreibung. **Werner**, F. Wien, Verh. ZoolBot. Ges., **53**, 1903, (65-69); *E. pantingana* n. sp. Spain **Navás**, L. Zaragoza, Bol. Soc. Arag., **3**, 1904, (191).

Gryllaeris scripta n. sp. Philippines. **Navás**, L. l.c. (138).

Hexacentrus stålî n. sp. **Krausze**, A. H. Insektenbörse, Leipzig, **21**, 1904, (213).

Holochlora stålî n. sp. **Krausze**, A. H. l.c. (29).

Locusta ? *vigentissima* Serv., notes. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (737).

Oedipoda migratoria, Beiträge zur Bekämpfung. **Sander**, L. Verh. D. KolKongr., Berlin, **1902**, 1903, (564-570); *O. migratoria* und deren Vernichtung. **Sander**, L. Altneuland, Berlin, **1**, 1901, (301-308, 326-335).

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Poecilimon jonicus Br. var. *cretensis* n. var. **Werner**, F. Wien, Verh. ZoolBot. Ges., **53**, 1903, (65-69).

Pseudorhynchus redtenbacheri n. sp. Tonkin. **Krausze**, A. H. Ent. Zs., Guben, **17**, 1904, (74); *P. lessonii* Serv., notes. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (737, fig. 4).

Pyrhizia brunneri n. sp. **Krausze**, A. H. Insektenbörse, Leipzig, **21**, 1904, (29).

Saga in Kleinasien. **Werner**, F. Zool. Anz., Leipzig, **28**, 1904, (79-82); *S. serrata*, présence dans les montagnes bas-alpines. **Peyerimhoff**, de. Paris, Bul. soc. ent., **1903**, (169).

Stipator grandis n. sp. Mexico. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (544).

Thamnoscirtus caeruleus n. sp. Mexico. **Rehn**, J. A. G. l.c. (513-549).

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Acridopeza reticulata Guer., notes. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (733, fig. 1).

Acrocara maculipennis. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (49, pl. 1, fig. 1).

Aerolophitus variegatus n. sp. Texas.
Bruner, L. l.c. (48).

Alectoria superba Brunner, notes.
Froggatt, W. W. Agric. Gaz., Sydney, N.S.W., 15, 1904, (734, fig. 2).

Amblytropidia mysteca; nn. spp.
Bruner, L. Biol. Centr.-Amer., London, Orthopt., 2, 1904, (63-68, pl. 1, fig. 14).

Amphitornus ornatus. **Bruner, L. l.c. (58, pl. I, fig. 13).**

Anarchita n. gen. **Bolivar, I. Madrid, Bol. soc. esp. hist. nat., 4, 1904, (459).**

Arphia canora n. sp. Western U. S.
Rehn, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (564); A. truculenta n. sp. Mexico. **Rehn, J. A. G. l.c. (522).**

Atrastemorra creniceps Blanchard, notes. **Froggatt, W. W. Agric. Gaz., Sydney, N.S.W., 15, 1904, (240, fig. 4).**

Boopedon nn. spp. **Bruner, L. Biol. Centr.-Amer., London, Orthopt., 2, 1904, (96-98); B. nn. spp. Mexico. **Rehn, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (519-520).****

Boëtettix argentatus. **Bruner, L. Biol. Centr.-Amer., London, Orthopt., 2, 1904, (52, pl. I, fig. 21).**

Bradynotes compacta n. sp. Nevada.
Morse, A. P. Psyche, Cambridge, Mass., 10, 1903, (115-116).

Caecoda plicatula n. sp. Angola.
Bolivar, I. Madrid, Bol. soc. esp. hist. nat., 4, 1904, (110-111).

Caedicia valida Walker, notes.
Froggatt, W. W. Agric. Gaz., Sydney, N.S.W., 15, 1904, (736).

Calamacris n. gen., *C. clendonii* n. sp. Mexico. **Rehn, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (529).**

Camoënsia insignis var. *sculpturata* n. var. **Bolivar, I. Madrid, Bol. soc. esp. hist. nat., 4, 1904, (308).**

Chrotogonus nn. spp. Africa. **Bolivar, I. l.c. (97-108).**

Cordillacris affinis n. sp. Nevada.
Morse, A. P. Psyche, Cambridge, Mass., 10, 1903, (115-116).

Coryphistes cyanopterus Charpenter, notes. **Froggatt, W. W. Agric. Gaz., Sydney, N.S.W., 15, 1904, (241, fig. 6).**

Cuculligera capucina n. sp., *C. flexuosa* var. *azurea* n. var. Spain.
Navás, L. Zaragoza, Bol. Soc. Arag., 3, 1904, (193-195).

Dactylotum histricum n. sp. Mexico.
Rehn, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (539).

Dichromorpha nn. spp. **Bruner, L. Biol. Centr.-Amer., London, Orthopt., 2, 1904, (87).**

Elephantus quadrilobus Stål., notes.
Froggatt, W. W. Agric. Gaz., Sydney, N.S.W., 15, 1904, (242, fig. 1).

Ephippithya 32-guttata Serv., notes.
Froggatt, W. W. l.c. (735, fig. 3).

Eritettix brachypterus n. sp. Mexico.
Bruner, L. Biol. Centr.-Amer., London, Orthopt., 2, 1904, (53).

Eupedetes, description reproduced.
Bruner, L. l.c. (54).

Gesonía zonocera n. sp. Philippines.
Navas, L. Zaragoza, Bol. Soc. Arag., 3, 1904, (136).

Gomphocerus meridionalis n. sp. Mexico. **Bruner, L. Biol. Centr.-Amer., London, Orthopt., 2, 1904, (93).**

Goniaea australasiac Leach, notes.
Froggatt, W. W. Agric. Gaz., Sydney, N.S.W., 15, 1904, (241).

Heliastus sumichrasti from Texas.
Caudell, A. N. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1904, (949-952, with text fig.).

Hesperotettix nevadensis n. sp. Nevada. **Morse, A. P. Psyche, Cambridge, Mass., 10, 1903, (115-116).**

Heteracris australis Walker, notes.
Froggatt, W. W. Agric. Gaz., Sydney, N.S.W., 15, 1904, (243).

Humpatella severini n. sp. Congo.
Bolivar, I. Madrid, Bol. soc. esp. hist. nat., 4, 1904, (438-439).

Laufferia n. gen. for *Ochrophlebia chloronota*. Africa. **Bolivar, I. l.c. (445-446).**

Leuconotus n. gen., *L. biolleyi* n. sp. Costa Rica. **Bruner, L. Biol. Centr.-Amer., London, Orthopt., 2, 1904, (57).**

Linoceratium n. gen. near *Orphulella*, *L. boucardi* n. sp. **Bruner, L. l.c. (84).**

Machacrocera nn. spp. Mexico.
Bruner, L. l.c. (50-51).

Maura nn. spp. Africa. **Bolivar**, I. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (320-326).

Melanoplus borealis from Alaska. **Caudell**, A. N. Alaska [Harriman Expedition], New York, **8**, 1904, (115-118).

Melanotettix n. gen. near *Stenobothrus*, *M. dibelonus* n. sp. Mexico. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (80-91).

Mermiria texana, *M. maculipennis*. **Bruner**, L. l.c. (38, pl. I, figs. 19, 9).

Monistria ligata n. sp. Sydney. **Bolivar**, I. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (436-437).

Napaia gracilis. **Bruner**, L. Biol. Centr.-Amer., Orthopt., London, **2**, 1904, (90, pl. I, fig. 2).

Ochrophlebia proxima n. sp. Africa. **Bolivar**, I. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (444-445).

Ochrotettix n. gen., *O. salinus* n. sp. Mexico. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (56, pl. I, figs. 4-5).

Opeia nn. spp. Texas and Mexico. **Bruner**, L. l.c. (59-61).

Orphula azteca; *O. meridionalis* n. sp. Costa Rica. **Bruner**, L. l.c. (73, 74, pl. I, fig. 3).

Orphulella nn. spp. **Bruner**, L. l.c. (78-83).

Oxya velox Fab., notes. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (243).

Pachytylus einersae F., Vorkommen. **Frings**, C. Ent. Zs., Guben, **18**, 1904, (98).

Pamphagus elephas, grösste Geradflügler Europas. **Siebertz**, O. Natur u. Kultur, München, **2**, 1904, (56-57); *P. marmoratus*. **Siebertz**, C. Nerthus, Altona, **5**, 1903, (134-136); *P. yersinii* Br., Beschreibung. **Werner**, F. Wien, Verh. ZoolBot. Ges., **53** 1903, (65-69).

Papagoa n. gen., *Tryxalinae*, *P. arizonensis* n. sp. Arizona. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (42).

Parachlobata n. gen. near *Orphulella*, *P. pratensis* n. sp. Cuba. **Bruner**, L. l.c. (83, 84).

Parasphena nn. spp. Africa. **Bolivar**, I. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (440-441).

Paropomala nn. spp. N. America. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (40-41).

Perizeca variabilis n. sp. Mexico. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (541).

Phaneroturis n. gen., *P. cupido* n. sp. Guatemala. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (88).

Phymateus nn. spp., nn. varr. Africa. **Bolivar**, I. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (406-417).

Phyteumas n. gen. for *Phymateus olivaceus* Karsch. **Bolivar**, I. l.c. (402-403).

Platephippius n. subgen. (*Platystolus*) for *P. ustulatus* Ramb. **Navás**, L. Zaragoza, Bol. Soc. Arag., **3**, 1904, (197).

Platystolus obrius n. sp. Spain. **Navás**, L. l.c. (196).

Plectrotettix nn. spp. Mexico. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (101, 102).

Plerisea n. gen., *P. peringueyi* n. sp. Africa. **Bolivar**, I. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (442-443).

Poecilocerus tessellatus n. sp. India. **Bolivar**, I. l.c. (433).

Psoloessa buddiana. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (104, pl. I, fig. 8).

Pyrgomorpha nn. spp. Africa. **Bolivar**, I. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (453-455).

Pyrgomorphella nn. spp. Africa. **Bolivar**, I. l.c. (457-459).

Rubellia branesiki n. sp. Madagascar. **Bolivar**, I. l.c. (437-438).

Schistocerca peruviana n. sp. Peru. **Lynch**, A. E. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (2-3); *S. philippina* n. sp. Mindanao. **Navás**, L. Zaragoza, Bol. Soc. Arag., **3**, 1904, (137).

Scyllina physopoda n. sp. Himalaya. **Navás**, L. l.c. (133).

Silvitettix n. gen., *S. communis* n. sp. Costa Rica. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (55-56).

Sinaloa brevispinis n. sp. Mexico. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (534).

Sisantum n. gen. near *Orphulella*, *S. notochloris* n. sp. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1901, (69).

Sphenarium carinatum n. sp. Guatemala. **Bolivar**, I. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (306-307).

Stauronotus maroccanus Thunb. **Sajó**, K. Prometheus, Berlin, **15**, 1904, (705-709, 725-730, 740-742).

Stenobothrus acutus n. sp. Nevada. **Morse**, A. P. Psyche, Cambridge, Mass., **10**, 1903, (115-116).

Stropis maculosa Stål., notes. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (242).

Syrbula nn. spp. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (44-46).

Taeniopoda tamaulipensis n. sp. Mexico. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (537).

Tanita n. gen., *T. longiceps*, *T. loosi*, *T. ferrierei*, *T. purpurea* nn. spp. Africa. **Bolivar**, I. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (446-451).

Tapesia n. nom. for *Petasia*, *T. producta*, *T. karschi*, *T. spumans* nn. varr. Africa. **Bolivar**, I. l.c. (309-317).

Taphronota nn. spp., n. var. Africa. **Bolivar**, I. l.c. (311, 397-400).

Tenuitarsis n. gen., *T. revoili* n. sp. Spain. **Bolivar**, I. l.c. (90).

Thyripton n. gen., *T. vitripennis* n. sp. Mexico. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (68-69).

Trimerotropis rubripes n. sp. New Mexico. **Rehn**, J. A. G. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (568).

Tryxalis nasuta, antennale Sinnesorgane. **Röhler**, E. Zool. Anz., Leipzig, **28**, 1904, (188-192); *T. rajilesii*, notes. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (240, fig. 2).

Zapata n. gen. near *Aulocara*, *Z. brevipennis* n. sp. Mexico. **Bruner**, L. Biol. Centr.-Amer., London, Orthopt., **2**, 1904, (103 pl. I, fig. 22).

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Pierre. Note cécidologique. Paris, Bul. soc. ent., **1903**, (57).

Rocquigny-Adanson, G. de. Note cécidologique. l.c. (56).

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Walther, J. Die Fauna der Solnhofener Plattenkalke. Bionomisch betrachtet. Jena, Denkschr. med. Ges., **11**, 1904, (133-214, mit 1 Taf.).

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Acanthaclisis macdahlani n. sp. **Weele**, H. W. van der. Amsterdam, Notes Mus. Jentink., **24**, 1904, (210).

Ascalaphus, Naturgeschichte. **Schoenichen**, W. Prometheus, Berlin, **15**, 1904, (676-679); *A. maculatus*, type rediscovered. **Weele**, H. W. van der. Leiden, Notes Mus. Jentink., **24**, 1904, (167-168).

Berotha piepersii n. sp. **Weele**, H. W. van der. l.c. (214).

Chasmatoptera sheppardi n. sp. Asia Minor. **Kirby**, W. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (60.).

Chrysopa jaluitana Kempny n. sp. **Schnee**, P. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (387-412); *C. ramburi*, Sch., a "parasite" of *Aphis persicae-niger*, notes. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (608, figs. 3-5); *C. kara kurti* n. sp. **Rossikov**, K. N. Trd. B. entom. Učen. Kom. M. Zenil., St. Peterburg, **5**, No. 2, 1904, (1-232, mit 29 fig., 4 Taf. u. 1 Karte); *C. inornata*, description; *C. cosmela* n. sp. and 2 nn. varr. Spain. **Navás**, L. Zaragoza, Bol. Soc. Arag., **3**, 1904, (119, 120, 124-125).

Cymothalis liberiensis n. sp. **Weele**, H. W. van der. Leide, Notes Mus. Jentink, **24**, 1904, (212).

Helicomitus philippinensis n. sp. **Weele**, H. W. van der. *l.e.* (206).

Hemerobius nn. spp. Colorado, Nevada and Maryland. **Banks**, N. Canad. Ent., Toronto, **36**, 1904, (61-62).

Hybris nn. spp. **Weele**, H. W. van der. Leiden, Notes Mus. Jentink., **24**, 1904, (208-209).

Kalligramma† n. gen., *K. haeckelii* n. sp. **Walther**, J. Jena, Denkschr. med. Ges., **11**, 1904, (133-214, mit 1 Taf.).

Micromus australis n. sp., a "parasite" of *Aphis persicae-niger*. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (609, fig. 5).

Myrmeleon arenarius n. nom., *M. ochreatus* n. sp. Spain. **Navás**, L. Butl. Inst. Catalan, Barcelona, **1**, 1904, (6-10, 19-25, pl. 1); *M. bifasciatum* and *M. sinuatum*, types rediscovered. **Weele**, H. W. van der. Leiden, Notes Mus. Jentink, **24**, 1904, (167-168); *M. formicarius*, Lebenszähigkeit. **Wittmack**, L. Gartenflora, Berlin, **52**, 1903, (468-469).

Theleproctophylla variegata, distinct from *T. barbara* L. **Weele**, H. W. van der. Leiden, Notes Mus. Jentink, **25**, [1904], (95-98, with 2 figs.).

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des Thorax der Insekten. Halle, Nova
Acta Leop., **82**, 1904, (141-205, mit 4
Taf.).

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Embia camerunensis n. sp. **Verhoeff**, K. W. Halle, Nova Acta Leop., **82**, 1904, (203); *E. solieri* Rambur, sporozoaires parasites sur. **Léger**, L. Arch. Protistenkunde, Jena, **3**, 1904, (358-366); *E. taurica* Kuznecov (1903) from the southern coast of the Crimea. **Kuznecov**, N. J. St. Petersburg, Hor. Soc. Ent. Ross., **37**, 1901, (138-173).

Oligotoma (?) *termitophila* n. sp. Sudan. **Wasmann**, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (17-18, with pl.).

TERMITIDAE.

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——— Remarques critiques sur la phylogénie et la division systématique des Termitides. (Réponse à M. Wasmann.) *l.e.* (372-378).

——— Isoptera, fam. *Termitidae*. In: Wytsman's Genera Insectorum, fasc. **25**, 1904, (1-52, with 2 pls.).

Elliot, G. S. McD. *Termitidae* in water 50 metres below the surface. The Anglo-French Niger-Chad boundary Commission. London, Geog. J., **24**, 1904, (505-523).

Jacobson, G. G. Zur Kenntniss der Termiten Russlands. St. Petersburg, Ann. Mus. zool. Ac. Sc., **9**, 1-2, 1904, (57-107, av. 17 figs.); Trd. B. entom. Učen. Kom. M. Zeml., St. Petersburg, **4**, 8, 1904, (54, av. 17 figs.). (Russ.)

Nordenskiöld, E. [Einige Worte über die Termiten.] (Finnisch) Luonnon Ystävä, Helsingfors, **6-8**, 1904, (129-134).

Wasmann, E. Remarques critiques sur la phylogénie et la division systématique des Termitides. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (370-371).

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Anacanthotermes n. subgen. of *Hodotermes*. **Jacobson**, G. G. St. Petersburg, Ann. Mus. zool. Ac. Sc., **9**, 1-2, 1904, (57-107, av. 17 figs.); Trd. B. entom. Učen. Kom. M. Zeml., St. Petersburg, **4**, 8, 1904, (54, av. 17 figs.).

Archotermopsis n. subgen. for *Termopsis wroughtoni*. **Desneux**, J. In: Wytsman's Genera Insectorum, fasc. **25**, 1904, (13-14).

Calotermes nn. spp. Kamerun. **Sjöstedt**, Y. Entomol. Tidskr., Stockholm, **23**, 1902, (302); *C.* nn. spp. Africa. **Sjöstedt**, Y. Stockholm, Vet.-Ak. Handl.,

38, No. 4, 1901, (11-20, with pl.); *C. militaris* n. sp. Ceylon. **Desneux**, J. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (146); *C. wagneri* n. sp. Brézil. **Desneux**, J. l.c. (286-287).

Entermes nn. spp. Africa. **Sjöstedt**, Y. Entomol. Tidskr., Stockholm, **23**, 1902, (40, 303-304); *E.* nn. spp. Africa. **Sjöstedt**, Y. Stockholm, Vet.-Ak. Handl., **38**, No. 4, 1904, (77-110, with pl.); *E.* nn. spp. **Trägårdh**, I. In: Res. exp. Egypt. Uppsala, Pt. 1, 1904, (23-33); *E. usambarensis* n. sp. Usambara. **Sjöstedt**, Y. Entomol. Tidskr., Stockholm, **24**, 1903, (76).

Hodotermes nn. spp. **Jacobson**, G. G. St. Petersburg, Ann. Mus. zool. Ac. Sc., **9**, 1-2, 1904, (57-107, av. 17 figs.); Trd. B. entom. Učen. Kom. M. Zeml., St. Petersburg, **4**, 8, 1904, (54, av. 17 figs.).

Rhinotermes taurus n. sp. Surinam. **Desneux**, J. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (146-147).

Termes nn. spp. Amérique méridionale. **Desneux**, J. l.c. (287-288); *T.* nn. spp. Africa. **Sjöstedt**, Y. Stockholm, Vet.-Ak. Handl., **38**, No. 4, 1904, (47-73, with pl.); *T. affinis* n. sp. Sudan. **Trägårdh**, I. Res. exp. Egypt. Uppsala, Pt. 1, 1904, (20-23); *T.* nn. spp. Annam, Camerun; *T. desertorum*, description. **Desneux**, J. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (147-149); *T. terricola* n. sp. Kamerun. **Sjöstedt**, Y. Entomol. Tidskr., Stockholm, **23**, 1902, (252); *T. transvaalensis* n. sp. Transvaal. **Sjöstedt**, Y. l.c. (302-303).

Termopsis wroughtoni n. sp. Kashmir Valley. **Desneux**, J. Bombay, J. Nat. Hist. Soc., **15**, 1901, (445-446).

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GENERAL.

Enderlein, G. Die von Hrn. Prof. Dr. Friedr. Dahl im Bismarck-Archipel gesammelten Copeognathen, nebst Bemerkungen über die physiologische Bedeutung des Stigmasackes. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (105-112, mit 1 Taf.).

SPECIAL.

Cocilius minutus n. sp. Finland. **Reuter**, O. M. Helsingfors, Acta Soc. Fauna et Fl. Fenn., **26**, 1904, (1-26).

Hermineura fusca n. sp. Finland. **Reuter**, O. M. l.c. (3).

Leptodella n. gen., *L. fuscipes* n. sp. Finland. **Reuter**, O. M. l.c. (8-14).

Nymphopsocus destructor Enderl. 1903. **Enderlein**, G. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1901, (727-732, mit 1 Taf.).

Reuterella Enderl. n. gen., *R. helvimacula* n. sp. Finland. **Reuter**, O. M. Helsingfors, Acta Soc. Fauna et Fl. Fenn., **26**, 1904, (1-26); *R. helvimacula* Enderl. n. var. **Schille**, F. Zool. Anz., Leipzig, **27**, 1901, (175-176).

Sca n. gen., *S. dahliana* n. sp. Bismarck-Archipel. **Enderlein**, G. Zool. Jahrb., Jena, **20**, 1901, (109-110).

PERLIDAE.

GENERAL.

Klapálek, F. Plecopteren. (Ergebnisse der Hamburger Magalhaensischen Sammelreise. Lfg 7. No. 5.) Hamburg (L. Friederichsen & Co.), 1901, (13).

——— Ueber die europaeischen Arten der Fam. *Dictyopterygidae*. (Čechisch) Prag, Rozpr. Česká Ak. Frant. Jos., **13**, 17, 1904, (10).

SPECIAL.

Areynopteryx doorensis Mort., morpholog. Studie des äussern Geschlechtsorgans ♂. **Klapálek**, F. Prag, Čas. České Spol. Entomolog., **1**, 1904, (104-106).

Dyadozoarium† n. gen., *D. pachypus*† n. sp. Perninformation Russlands. **Handlirsch**, A. St. Petersburg, Mem. Ac. Sc., (Ser. 8), **16**, 5, 1901, (7).

Gripopteryx un. spp. **Klapálek**, F. Hamburger Magalhaen. Sammelreise, **1904**, (13).

EPHEMERIDAE.

Slade. *Ephemeridae* re-entering water. Ent. Mag., London, **40**, 1901, (15).

SPECIAL.

Dyadentomum† n. gen., *D. permense*† n. sp. **Handlirsch**, A. St. Petersburg, Mem. Ac. Sc., (Ser. 8), **16**, 5, 1901, (7).

Phthartus† n. gen., *P. netschajewi*†, *P. rossicus*† nn. spp. Permformation Russlands. **Handlirsch**, A. l.e. (6).

Thnctus† n. gen., *T. stuckenbergi* n. sp. Permformation Russlands. **Handlirsch**, A. l.e. (7).

ODONATA.

GENERAL.

Calvert, P. P. On some American Gomphinae (Odonata). Reprinted from Philadelphia, Pa., Ent. News Acad. Nat. Sci., Amer. Ent. Soc., **14**, 1903, (183-192, with 1 pl.) in Philadelphia, Univ. Pa., Cont. Zool., Lab., **10**, (1903), 1904, (183-192, with 1 pl.).

Currie, R. P. Odonata of the expedition. [Reprinted from Washington, D.C., Proc. Acad. Sci., **3**, 1901, (217-223).] [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 8.] New York, 1904, (145-153).

Kennedy, C. H. A list of the dragon-flies of Winona lake. Bloomington, Cont. Zool. Lab., Indiana Univ., No. **53**; Indianapolis, Ind. Proc. Acad. Sci., **1902**, 1903, (159-164).

Needham, J. G. Some hitherto unknown nymphs of Odonata from New Mexico. Psyche, Cambridge, Mass., **10**, 1903, (134-139).

— and **Hart**, C. A. The dragon-flies (Odonata) of Illinois, with descriptions of the immature stages. Part. I. *Petaluridae*, *Aeschnidae* and *Gomphidae*. [With bibliography.] Urbana, Bull. Ill. Lab. Nat. Hist., **6**, 1903, (1-94, with pl.).

Ris, F. Odonaten. (Ergebnisse der Hamburger Magalhaensischen Sammelreise. Lfg 7. No. 3.) Hamburg (L. Friederichsen & Co.), 1904, (14).

Sjöstedt, Y. Odonata. (Swedish) (Svensk insektfauna, 3: 1.) Entomol. Tidskr., Stockholm, **23**, 1902, (1-27, with pl.).

Strand, E. Note on some Odonata. (Norw.) l.e. (198).

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Acanthagrion ambiguum n. sp. **Ris**, F. Hamburger Magalhaensische Sammelreise, Lfg 7, No. 3, 1904, (13).

Agrion armatum, characters. **Lucas**, W. J. Entomologist, London, **1904**, (33, pl. III, figs. 2-5); *A. elegantulum* Zett., examination of type specimens. **Sjöstedt**, Y. Entomol. Tidskr., Stockholm, **23**, 1902, (235-238).

Anax junius, spermatogenesis. **McGill**, C. Columbia, Univ. Mo. Stud., **2**, 1904, (41 + 15, with pl.).

Antiagrion n. gen. for *Agrion cayi* n. *blanchardi*. **Ris**, F. Hamburger Magalhaensische Sammelreise, Lfg 7, No. 3, 1904, (7).

Argia spp. **Kennedy**, C. H. Bloomington, Cont. Zool. Lab., Indiana Univ., No. **53**; Indianapolis, Ind. Proc. Acad. Sci., **1902**, 1903, (164-169, with text fig.).

Diaphlebia nexans n. sp. **Calvert**, P. P. Reprinted from Philadelphia, Pa., Ent. News Acad. Nat. Sci., Amer. Ent. Soc., **14**, 1903, (183-192, with 1 pl.), in Philadelphia, Univ. Pa., Cont. Zool. Lab., **10**, (1903), 1904, (183-192, with 1 pl.).

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Epiophlebia n. nom. (= *Palaeophlebia* de Selys not Brauer). **Calvert**, P. P. Philadelphia, Pa., Ent. News Acad. Nat. Sci., **14**, 1903, (208-209).

Isechnura elegans var. **Campion**, F. and H. Entomologist, London, **1904**, (252).

Lestes viridis ♂, appendages. **Lucas**, W. J. l.e. (33, pl. III, fig. 6).

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Oxyagrion salieeti n. sp. **Ris**, F. Hamburger Magalhaensischen Sammelreise, Lfg 7, No. 3, 1904, (9).

Protoneura peramans n. sp. **Calvert**, P. P. Amer. Nat., Boston, Mass., **38**, 1904, (497).

Somatocidra prorocans n. sp. **Calvert**, P. P. [Reprint from Philadelphia, Pa., Ent. News Acad. Nat. Sci., Amer. Ent. Soc., **14**, 1903, (33-40, with 1 pl.)], in Philadelphia, Cont. Zool. Lab. Univ. Pa., **10**, (1903), 1904, (33-40, with 1 pl.).

Tetragrion? dacekii n. sp. New Jersey. **Calvert**, P. P. l.c. (33-40, with 1 pl.), in Philadelphia, Univ. Pa., Cont. Zool. Lab., 10, (1903), 1904, (33-40, with 1 pl.).

TRICHOPTERA.

Banks, N. Neuropteroid insects of the expedition. [Reprinted from Washington, D.C., Proc. Acad. Sci., 2, 1900, (465-476, with pl.)] Alaska (Harriman Expedition), edited by C. Hart Merriam, New York, 8, 1904, (155-168, with pl.).

Silfvenius, A. J. Über die Metamorphose einiger Hydropsychiden. II. Helsingfors, Acta Soc. Fauna et Fl. Fenn., 26, 1904, (1-14, mit 1 Taf.).

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——— Für die finnische Fauna neue Trichopteren. (Finnisch) Helsingfors, Medd. Soc. Fauna et Fl. Fenn., 30, 1904, (8-9).

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Ulmer, G. Ueber westafrikanische Trichopteren. Zool. Anz., Leipzig, 28, 1904, (353-359).

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——— Über die Metamorphose der Trichopteren. Hamburg, Abh. natw. Ver., 18, 1903, (1-151, mit 4 Taf.).

SPECIAL.

Adicella filicornis, early stages. **Morton**, K. J. Ent. Mag., London, 40, 1904, (82-84).

Anabolia spinosa n. sp. **Ulmer**, G. Hamburger Magalhaensische Sammelreise, Lfg 7, No. 6, 1904, (11).

Apatania tripunctata n. sp. Alaska. **Banks**, N. Alaska (Harriman Expedition), New York, 8, 1904, (155-168, with 1 pl.).

Asynarchus nn. spp. Alaska. **Banks**, N. l.c. (155-168, with pl.).

Glossosoma alascensis n. sp. Alaska. **Banks**, N. l.c. (155-168, with 1 pl.).

Halesus (?) alascensis n. sp. Alaska. **Banks**, N. l.c. (155-168, with pl.).

Hyalopsyche n. gen. (*Polycentropinae*), *H. palpata* n. sp. West Afrika. **Ulmer**, G. Zool. Anz., Leipzig, 28, 1904, (353-359).

Hydropsyche scurfasciata n. sp. Kamerun. **Ulmer**, G. Ark. Zool., Stockholm, 1, 1904, (121-123, with pl.).

Hydroptila cintrana n. sp. Portugal. **Morton**, K. J. London, Trans. Ent. Soc., 1904, (324).

Leptocerus excisus n. sp. Western Finland. **Morton**, K. J. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., 30, 1904, (67-69).

Linnephilus nn. spp. Alaska and Bering Sea. **Banks**, N. Alaska, (Harriman Expedition), New York, 8, 1904, (155-168, with 1 pl.).

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Macronema sjöstedti n. sp. Kamerun. **Ulmer**, G. Ark. Zool., Stockholm, 1, 1904, (419-421, with pl.).

Neuronia clathrata, Metamorphosis. **Struck**, R. Lübeck, Mitt. geogr. Ges., 2. Reihe, 19, 1904, (1-7).

Nyctiophylax occidentalis n. sp. West Afrika. **Ulmer**, G. Zool. Anz., Leipzig, 28, 1904, (355).

Oestropsis bipunctata Brauer. Kamerun. Beschreibung des Männchens. **Ulmer**, G. Ark. Zool., Stockholm, 1, 1904, (413-416).

Oxyethira mirabilis n. sp. Scotland. **Morton**, K. J. London, Trans. Ent. Soc., 1904, (327).

Protomacronema n. gen., *P. pubescens* n. sp. Kamerun. **Ulmer**, G. Ark. Zool., Stockholm, 1, 1904, (416-419, with pl.); *P. hyalinum* n. sp. West Afrika. **Ulmer**, G. Zool. Anz., Leipzig, 28, 1904, (354).

Ptilocolepus granulatus Pt., eine Uebergangsform von den Rhyacophiliden zu den Hydroptiliden. **Thienemann**, A. Allg. Zs. Ent., Neudamm, 9, 1904, (118-124, 437-441).

Stenophylax nn. spp. **Ulmer**, G. Hamburger Magalhaensische Sammelreise, Lfg 7, No. 6, 1904, (17-19).

LIST OF NEW GENERA AND SPECIES.

- ACANTHACLISIS [Planipennia].
 ——— *macclachlani*. Weele. 160.
- ACANTHAGRION [Odonata].
 ——— *ambiguum*. Ris. 103.
- ACANTHOCLONIA [Phasmidae].
 ———? *paradoxa*. Kirby. 54.
- Acanthomina n. gen. [Phasmidae].
 Kirby. 54.
- ACROLOPHITUS [Acridiidae].
 ——— *variegatus*. Bruner. 11.
- Aissoblattat† n. gen. [Blattidae].
 Handlirsch. 46a.
 ——— *rossica*†. Handlirsch. 46a.
- Allosthetus n. gen. [Forficulidae].
 Verhoeff. 150.
 ——— *lombokianus*. Verhoeff. 150.
 ——— *martensi*. Verhoeff. 150.
 ——— *setiger*. Verhoeff. 150.
- AMBLYTROPIDIA [Acridiidae].
 ——— *costaricensis*. Bruner. 11.
 ——— *elongata*. Bruner. 11.
 ——— *inequita*. Bruner. 11.
 ——— *magna*. Bruner. 11.
 ——— *trinitatis*. Bruner. 11.
- ANABOLIA [Trichoptera].
 ——— *spinosa*. Ulmer. 148.
- Anacanthotermes n. subgen. [Termitidae]. Jacobson. 50.
- ANAPLECTA [Blattidae].
 ——— *platycephala*. Rehn. 95.
- Anarchita n. gen. [Acridiidae]. Bolivar. 6.
- ANCISTROGASTER [Forficulidae].
 ——— *pocilocera*. Borg. 9.
- ANECHURA [Forficulidae].
 ——— *schlagintweitii*. Burr. 12.
- ANISOLABIS [Forficulidae].
 ——— *alborittata*. Burr. 12.
 ——— *cocca*. Borelli. 7.
 ——— *gaudens*. Burr. 12.
 ——— *peregrina*. Mjöberg. 79.
- Antiagrion n. gen. [Odonata]. Ris. 103.
- APATANIA [Trichoptera].
 ——— *tripunctata*. Banks. 3.
- APLOPUS [Phasmidae].
 ——— *achalus*. Rehn. 97.
 ——— *similis*. Rehn. 97.
- APTERYGIDA [Forficulidae].
 ——— *athymia* n. nom. Rehn. 95.
 ——— *bonchampsii*. Burr. 12.
 ——— *vishnu*. Burr. 12.

Archotermopsis n. subgen. [Termitidae].

Desneux. 36.

- ARPHIA [Acridiidae]. Rehn.
 ——— *canora*. Rehn. 98.
 ——— *truculenta*. Rehn. 98.
- ARRHIDAETUS [Phasmidae].
 ——— *apalannus*. Rehn. 97.
- ASYNARCHIUS [Trichoptera].
 ——— *alascensis*. Banks. 3.
 ——— *flavicollis*. Banks. 3.
 ——— *fumosus*. Banks. 3.
 ——— *simplex*. Banks. 3.
- BACTRICIA [Phasmidae].
 ——— *ridleyi*. Kirby. 54.
- BEROTHA [Planipennia].
 ——— *piepersii*. Weele. 160.
- BLATTA [Blattidae].
 ——— *senecta*. Rehn. 95.
- BOOPEDON [Acridiidae].
 ——— *diabolicum*. Bruner. 11.
 ——— *flaviventris*. Bruner. 11.
 ——— *fuscum*. Bruner. 11.
 ——— *gracile*. Rehn. 98.
 ——— *hoagi*. Rehn. 98.
 ——— *savannarum*. Bruner. 11.
- BORMANSIA [Forficulidae].
 ——— *meridionalis*. Burr. 14.
- BOSTRA [Phasmidae].
 ——— *incompta*. Rehn. 97.
 ——— *jalicensis*. Rehn. 98.
 ——— *remiformis*. Rehn. 97.
- BRACHYLABIS [Forficulidae].
 ——— *malgacha*. Burr. 12.
 ——— *sjöstedti*. Borg. 9.
- BRADYNOTES [Acridiidae].
 ——— *compacta*. Morse. 80.
- CACONDA [Acridiidae].
 ——— *plicatula*. Bolivar. 6.
- Calamacris n. gen. [Acridiidae].
 Rehn. 98.
 ——— *clendonii*. Rehn. 98.
- CALOLAMPRA [Blattidae].
 ——— *pedisquua*. Rehn. 95.
- CALOTERMES [Termitidae].
 ——— *agilis*. Sjöstedt. 129.
 ——— *auriceps*. Sjöstedt. 124.
 ——— *desneuxi*. Sjöstedt. 124.
 ——— *maroccoensis*. Sjöstedt. 124.
 ——— *militaris*. Desneux. 31.
 ——— *pallidicollis*. Sjöstedt. 129.
 ——— *planiceps*. Sjöstedt. 124.
 ——— *wagneri*. Desneux. 33.
- CALVISIA [Phasmidae].
 ——— *maculata*. Kirby. 54.

- CAMÖENSIA** [Acridiidae].
 ——— *insignis* var. *sculpturata* n. var. Bolivar. 6.
- CAPNOBOTES** [Locustidae].
 ——— *occidentalis* var. *viridis* n. var. Cockerell. 24.
- CARAUSIUS** [Phasmidae].
 ——— *bracatus*. Rehn. 97.
 ——— *obiensis*. Rehn. 97.
 ——— *mammatus*. Rehn. 97.
- CARCINOPHORA** [Forficulidae].
 ——— *vaddzi*. Burr. 12.
- CARVILIA** [Mantidae].
 ——— *costalis*. Kirby. 53.
- CEROYS** [Phasmidae].
 ——— *bigibbus*. Rehn. 97.
- CETHOPHILUS** [Locustidae].
 ——— *macropus*. Rehn. 98.
- CHAETOSPANIA** [Forficulidae].
 ——— *volcana*. Burr. 12.
- Challia** n. gen. [Forficulidae]. Burr. 12.
 ——— *fletcheri*. Burr. 12.
- CHASMATOPTERA** [Planipennia].
 ——— *sheppardi*. Kirby. 55.
- CHELISOCHES** [Forficulidae].
 ——— *limbatus*. Borg. 9.
- CHORISONEURA** [Blattidae].
 ——— *africana*. Borg. 8.
- CHROTOGONUS** [Acridiidae].
 ——— *abyssinicus*. Bolivar. 6.
 ——— *bloyeti*. Bolivar. 6.
 ——— *brevis*. Bolivar. 6.
 ——— *gabonicus*. Bolivar. 6.
 ——— *lamerei*. Bolivar. 6.
 ——— *marshalli*. Bolivar. 6.
 ——— *occidentalis*. Bolivar. 6.
 ——— *rollini*. Bolivar. 6.
 ——— *varelai*. Bolivar. 6.
- CHRYSOPE** [Planipennia].
 ——— *cosmeta*. Navas. 85.
 ——— *jaluítana*. Kempny. 112.
 ——— *kara-kurti*. Rossikov. 107.
 ——— *nigricostata* var. *marginata* n. var. Navás. 85.
 ——— *vulgaris* var. *radialis* n. var. Navás. 85.
- COECILIUS** [Psocidae].
 ——— *minutus*. Reuter. 101.
- CONOCEPHALUS** [Locustidae].
 ——— *striatus*. Krausze. 64.
 ——— *subtilis*. Krausze. 64.
 ——— *teter*. Krausze. 63.
 ——— *ultimus*. Krausze. 67.
- CORDILLACRIS** [Acridiidae].
 ——— *affinis*. Morse. 80.
- CUCULLIGERA** [Acridiidae].
 ——— *capucina*. Navás. 85.
 ——— *flexuosa* var. *azurca* n. var. Navás. 85.
- CYMOHALIS** [Planipennia].
 ——— *liberiensis*. Weele. 160.
- DACTYLOTUM** [Acridiidae].
 ——— *histicum*. Rehn. 98.
- DATAMES** [Phasmidae].
 ——— *aqualis*. Rehn. 97.
- DEROPELTIS** [Blattidae].
 ——— *gaboonica*. Rehn. 95.
 ——— *tullbergi*. Borg. 8.
- DIAPHLEBIA** [Odonata].
 ——— *nexans*. Calvert. 19.
- DICHRMORPHA** [Acridiidae].
 ——— *longipennis*. Bruner. 11.
 ——— *mexicana*. Bruner. 11.
- DIPLATYS** [Forficulidae].
 ——— *aethiops*. Burr. 12.
 ——— *conradii*. Burr. 12.
 ——— *croizi*. Burr. 12.
 ——— *greeni*. Burr. 12.
 ——— *occidentalis*. Burr. 12.
 ——— *siva*. Burr. 12.
 ——— *viator*. Burr. 12.
- DRYADUSA** [Locustidae].
 ——— *arizonensis*. Rehn. 99.
- Dyadentomum**† n. gen. [Ephemeridae].
 ——— Handlirsch. 46A.
 ——— *permense*†. Handlirsch. 46A.
- Dyadozoarium**† n. gen. [Perlidae].
 ——— Handlirsch. 46A.
 ——— *pachypus*†. Handlirsch. 46A.
- ECTOPIA** [Blattidae].
 ——— *duskei*. Adelung. 1.
- ECTOBIUS** [Blattidae].
 ——— *maori*. Rehn. 95.
- ELLIPSIDION** [Blattidae].
 ——— *histrionicum*. Rehn. 95.
- EMBIA** [Embiidae].
 ——— *camerunensis*. Verhoeff. 151.
- EPHIPPIGER** [Locustidae].
 ——— *pantingana*. Navas. 85.
- EPIGOMPHUS** [Odonata].
 ——— *llama*. Calvert. 19.
 ——— *tumefactus*. Calvert. 19.
 ——— *quadracus*. Calvert. 19.

EPILAMPRA [Blattidae].

- *camerunensis*. Borg. 8.
 ————— *electa*. Borg. 8.
 ————— *excelesa*. Navás. 85.
 ————— *infinita*. Borg. 8.
 ————— *minuta*. Borg. 8.
 ————— *moloch*. Rehn. 95.
 ————— *pallida*. Borg. 8.
 ————— *sjöstedti*. Borg. 8.
 ————— *trougana*. Rehn. 95.

Epiophlebia n. nom. [Odonata]. Calvert. 16.

ERITETIX [Acridiidae].

- *brachypterus*. Bruner. 11.

ETOBLATTINA [Blattidae].

- *coriacea* †. Sellards. 114.
 ————— *juvenis* †. Sellards. 114.
 ————— *pygmaea* †. Meunier. 78.
 ————— *steinmannii* †. Sterzel. 132.

EUBULIDES [Phasmidae].

- *spuria*. Kirby. 54.

EURYCANTILA [Phasmidae].

- *porlentosa*. Kirby. 54.
 ————— *sifia*. Kirby. 54.
 ————— *willeji*. Kirby. 54.

EURYCHEMA [Phasmidae].

- *magnifica*. Kirby. 54.
 ————— *viridissima*. Kirby. 54.

EUSTEGASTA [Blattidae].

- *parva*. Borg. 8.

EUTERMES [Termitidae].

- *aluco*. Sjöstedt. 124.
 ————— *chiasognathus*. Sjöstedt. 124.
 ————— *clepsydra*. Sjöstedt. 124.
 ————— *coarctatus*. Sjöstedt. 129.
 ————— *dispar*. Sjöstedt. 129.
 ————— *divellens*. Sjöstedt. 124.
 ————— *gemellus*. Sjöstedt. 129.
 ————— *infuscatus*. Sjöstedt. 126.
 ————— *maculiventris*. Sjöstedt. 124.
 ————— *mitis*. Sjöstedt. 126.
 ————— *mobilis*. Sjöstedt. 124.
 ————— *occidentalis*. Sjöstedt. 124.
 ————— *oeconomus*. Trägårdh. 140.
 ————— *palaearticus*. Sjöstedt. 124.
 ————— *rapulum*. Sjöstedt. 124.
 ————— *salebrihorax*. Sjöstedt. 124.
 ————— *sudanicus*. Sjöstedt. 124.
 ————— *terricola*. Trägårdh. 140.
 ————— *usambarensis*. Sjöstedt. 124.
 ————— 130.

FORCICULA [Forficulidae].

- *quelchi*. Burr. 12.

FORFICULA [Forficulidae].

- *ambigua*. Burr. 12.
 ————— *mikado*. Burr. 12.
 ————— *mogul*. Burr. 12.
 ————— *obtusangula*. Krauss. 62.

GERABLATTINA [Blattidae].

- *arcuata* †. Sellards. 114.

GESONIA [Acridiidae].

- *zonocera*. Navas. 85.

GLOSSOSOMA [Trichoptera].

- *alascensis*. Banks. 3.

GOMPHOCERUS [Acridiidae].

- *meridionalis*. Bruner. 11.

GONOLABIS [Forficulidae].

- *silvestrii*. Borelli. 87.

GRIPOPTERIX [Perlidae].

- *michaelsenii*. Klapálek. 59.
 ————— *tigrina*. Klapálek. 59.

GRYLLACRIS [Locustidae].

- *scripta*. Navas. 85.

GYNA [Blattidae].

- *aurivillii*. Borg. 8.
 ————— *oblonga*. Borg. 8.

Haaniella n. nom. [Phasmidae]. Kirby. 54.

HALESUS? [Trichoptera].

- *alascensis*. Banks. 3.

HAPALOPEZA [Mantidae].

- *maculata*. Kirby. 53.

HARPAGONYX [Mantidae].

- *carlotta*. Rehn. 96.

HELICOMITUS [Planipennia].

- *philippinensis*. Weele. 160.

HEMEROPUS [Planipennia].

- *dorsatus*. Banks. 4.
 ————— *nevadensis*. Banks. 4.
 ————— *pictus*. Banks. 4.
 ————— *speciosus*. Banks. 4.
 ————— *transversus*. Banks. 4.

HERMINEURA [Psocidae].

- *fusca*. Reuter. 101.

HESPEROTETIX [Acridiidae].

- *nevadensis*. Morse. 80.

HETEROCHAETA [Mantidae].

- *orientalis*. Kirby. 53.

HETERONEMIA [Phasmidae].

- *ignava*. Rehn. 97.

HEXACENTRUS [Locustidae].

- *stali*. Krausze. 67.

HODOTERMES [Termitidae].

- *ahngerianus*. Jacobson. 50.
 ————— *turkestanicus*. Jacobson. 50.

- HOLOCHLORA [Locustidae].
 ——— *stali*. Krauze. 65.
- HUMBERTIELLA [Mantidae].
 ——— ? *brunneri*. Kirby. 53.
- HUMPATELLA [Acridiidae].
 ——— *severini*. Bolivar. 6.
- Hyalopsyche** n. gen. [Trichoptera].
 Ulmer. 112.
 ——— *palpata*. Ulmer. 142.
- HYBRIS [Planipennia].
 ——— *borneensis*. Weele. 160.
 ——— *flavicans*. Weele. 160.
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 ——— *sjöstedti*. Borg. 8.
- Kalligramma**† n. gen. [Planipennia].
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 ——— *insularis*. Burr. 12.
 ——— *paradoxa*. Burr. 12.
 ——— *triangularata*. Burr. 12.
- LABIDURA [Forficulidae].
 ——— *dubroui*. Borg. 9.
 ——— *karschi*. Borg. 9.
- LABIDURODES [Forficulidae].
 ——— *nitidus*. Burr. 12.
- Laufferia** n. gen. [Acridiidae]. Bolivar. 6.
- LEPTOCERUS [Trichoptera].
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- Leptodella** n. gen. [Psocidae]. Reuter. 101.
 ——— *fuscipes*. Reuter. 101.
- Leuconotus** n. gen. [Acridiidae]. Bruner. 11.
 ——— *biolleyi*. Bruner. 11.
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- LYMNEPHILUS [Trichoptera].
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 ——— *sjöstedti*. Ulmer. 149.
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 ——— *venusta*. Bolivar. 6.
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 ——— *proxima*. Bolivar. 6.

- Ochrotettix** n. gen. [Acridiidae]. Bruner. 11.
 ——— *salinus*. Bruner. 11.
- Odontopsalis** n. gen. [Forficulidae]. Burr. 12.
 ——— *harmandi*. Burr. 12.
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 ——— *lineata*. Bruner. 11.
 ——— *mexicana*. Bruner. 11.
 ——— *pallida*. Bruner. 11.
 ——— *palmeri*. Bruner. 11.
- OPISTHOCOSMIA** [Forficulidae].
 ——— *annandalei*. Burr. 12.
 ——— *brahma*. Burr. 12.
 ——— *erroris*. Burr. 12.
 ——— *micheli*. Burr. 12.
 ——— *nevillei*. Burr. 12.
 ——— *shelfordi*. Burr. 12.
 ——— *temora*. Burr. 12.
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- OPISTHOPLATIA** [Blattidae].
 ——— *plicata*. Navas. 85.
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 ——— *costaricensis*. Bruner. 11.
 ——— *graminea*. Bruner. 11.
 ——— *meridionalis*. Bruner. 11.
 ——— *prominula*. Bruner. 11.
 ——— *robusta*. Bruner. 11.
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- OXYHALOA** [Blattidae].
 ——— *saussurei*. Borg. 8.
- Palaeomantis**† n. gen. [Mantidae]. Handlirsch. 46A.
 ——— *schmidtii*†. Handlirsch. 46A.
- PANCHLORA** [Blattidae].
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 ——— *stolata*. Borg. 8.
- PANESTHESIA** [Blattidae].
 ——— *cestrifera*. Rehn. 95.
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 ——— *arizonensis*. Bruner. 11.
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 ——— *gracilipes*. Kirby. 53.
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 ——— *coralliferus*. Bolivar. 6.
 ——— *leprosus* var. *amplipennis* n. var. Bolivar. 6.
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 ——— *pulcherrimus*. Bolivar. 6.
 ——— *puniceus*. Bolivar. 6.

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- PLANODES** [Phasmidae].
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—— *obvius*. Navás. 85.
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 ——— *tamaulipensis*. Rehn. 98.
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- Tapesia n. nom. [Acridiidae]. Bolivar.
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 ——— *amaranthina*. Bolivar. 6.
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 ——— *dimidiata*. Bolivar. 6.
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 ——— *daeckii*. Calvert. 18.
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 ——— *tessellata*. Rehn. 95.
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 ——— 11.
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4003-4031 HEMIPTERA (or
RHYNCHOTA), EXCL.
ANOPLURA, WHICH
ARE PLACED IN 3603.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Eurinome armata n. sp. New-Guinea. **Breiddin**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (4).

Eurostus heros n. sp. Tonkin. **Breiddin**, G. l.c. (16).

Eurydema oleraceum L. *E. festivum* L. var. *pictum* H.-Sch., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

Eurygaster integriceps [Osch.] Put. und neue Methoden zu ihrer Bekämpfung mit Hilfe von Parasiten aus der Zahl der Schlupfwespen. **Vasiljev**, I. V. Trd. B. entom. Učen. Kom. M. Zcmł., St. Petersburg, **4**, 11, 1904, (72, mit 25 Taf.).

Eusarcoris V-flavum n. sp. Africa. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (259); *E. gibbosus* n. sp. Corea. **Jakovlev**, V. E. Rev. russ. ent., Jaroslavlí, **4**, No. 1 1904, (23-26).

Ensthenes diomedes n. sp. Tonkin. **Breiddin**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (15).

Exithemus mansonius n. sp. Tonkin. **Breiddin**, G. l.c. (6).

Fokkeria n. gen., *F. crassa* n. sp. Colorado. **Schouteden**, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (301-302).

Galcaicus martini n. sp. **Schouteden**, H. l.c. (299-300).

Gastroxys n. gen., verwandt mit *Diploxyss* Am. Serv., *G. funerea* n. sp. Africa. **Horváth**, G. Ann. Hist.-Nat.

Mus. Nat. Hung., Budapest, **2**, 1904, (257-258).

Geomorpha junodi n. sp. Transvaal. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (350).

Glypsus nn. spp. French Congo, E. Africa, Abyssinia. **Schouteden**, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (110-111); *G. carinulatus* n. sp. Sudanorient. **Bergroth**, E. Rev. russ. ent., Jaroslavlí, **4**, No. 1, 1904, (32-33).

Gnathoconus elongatus n. sp. Transvaal. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (349).

Gonopsis tonkinensis n. sp. **Breiddin**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (19).

Graphosoma lineatum L. var. *italicum* Müll., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

Grimgerda n. nom. for *Macrothyreus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Gueriniellus n. nom. for *Platyecoris*. **Kirkaldy**, G. W. l.c. (280).

Iphiaurusa n. gen., *I. aratrix* n. sp. Tonkin. **Breiddin**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (12-13).

Irochrotus indicus n. sp. Inde anglaise. **Schouteden**, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (303).

Laccophorella n. gen., verwandt mit *Novalhieridia* Bredd., *L. bornemiszae* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (270).

Leptolobus eburneatus var. *thoracicus* n. var. **Schouteden**, H. Wr. Entomol. Ztg, Wien, **21**, 1902, (233-243).

Lineus nn. spp. Sud-Amerika. **Breiddin**, G. Soc. Entomol., Zürich, **18**, 1904, (154).

Liodermion n. nom. for *Lioderma*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Lobopelta n. gen., *L. funebris* n. sp. Congo. **Schouteden**, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (142-143).

Lobothyreus brasiliensis n. sp. Brésil. **Schouteden**, H. l.c. (300-301).

- Macrocytus inermipes* n. sp. Africa. **Horváth, G.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (253).
- Maljassus exiguus* n. sp. Africa. **Horváth, G.** l.c. (269).
- Mezolocum* Karsch, Gattungsscharakteristik, *M. obliquum* n. sp. Kamerun. **Bergroth, E.** Wr. Entomol. Ztg, Wien, **23**, 1904, (37-40).
- Melampodius westwoodi* n. sp. Congo. **Schouteden, H.** l.c. **21**, 1902, (233-243).
- Melanodermus dilutipes* n. sp. Süd-Amerika. **Breddie, G.** Soc. Entomol., Zürich, **18**, 1904, (154).
- Menuthias* n. nom. for *Ilerda*. **Kirkaldy, G. W.** Entomologist, London, **1904**, (280).
- Miopygium* n. gen., *M. cyclopeltoides* n. sp. Süd-Amerika. **Breddie, G.** Soc. Entomol., Zürich, **18**, 1904, (153).
- Montandoneus* n. nom. for *Gabonia*. **Kirkaldy, G. W.** Entomologist, London, **1904**, (280).
- Morbora* nn. spp. Tasmania, Queensland. **Bergroth, E.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (356-357).
- Moyara martini* n. sp. Uganda. **Schouteden, H.** l.c. (138-139).
- Myrochea distincta* n. sp. Congo. **Schouteden, H.** Wr. Entomol. Ztg, Wien, **21**, 1902, (233-243).
- Nealeria diminuta* n. sp. Africa. **Horváth, G.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (255).
- Nezara* nn. spp. Africa. **Horváth, G.** l.c. (263-266).
- Ochisme* n. nom. for *Trachyops*. **Kirkaldy, G. W.** Entomologist, London, **1904**, (280).
- Ochrorrhaca* n. gen., *O. truncaticornis* n. sp. Tonkin. **Breddie, G.** Wr. Entomol. Ztg, Wien, **23**, 1904, (3).
- Odontotarsus grammicus* L., faunistisch. **Horváth, G.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).
- Oncinoproctus* n. gen., *O. griscolus* n. sp. Sikkim. **Breddie, G.** Wr. Entomol. Ztg, Wien, **23**, 1904, (5).
- Oplomus cruentus* var. *inermis* n. var. **Schouteden, H.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (140); *O. severus* n. sp. Süd-Amerika. **Breddie, G.** Soc. Entomol., Zürich, **18**, 1904, (177).
- Palomena limbata* n. sp. **Jakovlev, V. E.** St. Peterburg, Hor. Soc. Ent. Ross., **37**, 1904, (71-73).
- Parochlerus* n. gen., *P. latus* n. sp. Süd-Amerika. **Breddie, G.** Soc. Entomol., Zürich, **18**, 1904, (153).
- Pentatoma plebeja*, parasite du café. (Hollandais). **Zimmermann, A.** Buitenzorg, Meded. Plant., **67**, 1904, (1-24, avec 2 pls.).
- Peribalus vernalis* Wolff, faunistisch. **Horváth, G.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).
- Philia insignis* n. sp. Nouvelle-Galles du Sud. **Schouteden, H.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (297-298); *P. jactator* = (*fenestrata* Bredd.) **Distant, W. L.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (66); *P. regia* = (*leucochalcia* Bredd.) *aerca* = (*compacta* Bredd.) **Distant, W. L.** l.c. (Ser. 7), **13**, 1904, (276).
- Phimodera*, Bemerkungen über einige Arten. **Reuter, O. M.** Helsingfors, Ofvers. F. Vet. Soc., **45**, 1904, (1-15).
- Picromerus bidens* L., faunistisch. **Horváth, G.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).
- Platynopus* nn. spp. Africa. **Schouteden, H.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (139-140).
- Podisus* nn. spp. Süd-Amerika. **Breddie, G.** Soc. Entomol., Zürich, **18**, 1904, (154).
- Polytes cingulicornis* n. sp. Brésil. **Bergroth, E.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (354); *P. insignis* n. sp. Bolivie. **Schouteden, H.** l.c. (298-299).
- Prionocomastes vicarians* n. sp. Ost Java. **Breddie, G.** Wr. Entomol. Ztg, Wien, **23**, 1904, (14).
- Rhynchocoris patulus* n. sp. Süd-Java. **Breddie, G.** l.c. (12).
- Ruinibia picturata* n. sp. Süd-Amerika. **Breddie, G.** Soc. Entomol., Zürich, **18**, 1904, (177).
- Sabaeus* nn. spp. Java, Sunbawa, Buru? **Breddie, G.** Wr. Entomol. Ztg, Wien, **23**, 1904, (8-9).

Stenozygum nr. spp. Ostafrika.
Schouteden, H. l.c. **21**, 1902, (233–243); *S. mombasanum* n. sp. British E. Africa; *S. bergrothi* n. nom. for *S. bicolor*. **Schouteden**, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (137–138).

Stictocoris n. nom. for *Stictonatus*.
Kirkaldy, G. W. Entomologist, London, **1904**, (280).

Supputius obscurus n. sp. Süd-Amerika.
Breddie, G. Soc. Entomol., Zurich, **18**, 1904, (154).

Tarisa chloris n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (580).

Tectocoris cyanipes E., Schädling der Baumwollkultur. (Holländisch) **Königsberger**, J. C. Teysmannia, Batavia, **14**, 1903, (622–627).

Tessaratomia niamensis n. sp. Africa.
Schouteden, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (143–144).

Tetrochlerus n. gen., *T. fissiceps* n. sp. Süd-Amerika. **Breddie**, G. Soc. Entomol., Zurich, **18**, 1904, (153).

Texas n. nom. for *Melanostoma*.
Kirkaldy, G. W. Entomologist, London, **1904**, (280).

Thescus nigrescens n. sp. N. Queens-land. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (263).

Tolumnia ferruginescens n. sp. Toukin. **Breddie**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (7).

Trigonosoma halophilum Jak., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

Triplatyx n. gen., verwandt mit *Eurus* Dall., *T. quadraticeps* n. sp. Africa. **Horváth**, G. l.c. (255–256).

Vanduzeeina n. gen. for *V. balli* Van Duz. **Schouteden**, H. In: Wytsman, Genera Insectorum, fasc. **24**, 1904, (85–86).

Xosa n. nom. for *Anubis*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Zierona coerulea L., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

COREIDAE.

GENERAL.

Mužik, F. Kurze analytische Uebersicht der böhmischen Coreiden. (Čechisch) Prag., Čas. České Spol. Entomolog., **1**, 1904, (55–68).

SPECIAL.

Acanthocephala declivis Say var. *guianensis* n. var. **Osborn**, H. Ohio Nat., Columbus, Ohio, **5**, 1904, (198).

Althas n. nom. for *Margus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Alydus calcaratus L., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

Bathysolen nubilus Fall., faunistisch. **Horváth**, G. l.c. (575).

Carlisis serrabilis n. sp. Transvaal. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (350).

Coriomeris nn. spp. **Jakovlev**, V. E. Rev. russ. ent., Jaroslavl, **4**, 1904, (293–294); *C. vitticollis* Reut., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

Corizus crassicornis L. var. *abutilon* Rossi, var. *subtomentosus* Rey, *C. parumpunctatus* Schill. faunistisch. **Horváth**, G. l.c. (575).

Dersagrena n. nom. for *Dalcera*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Elachisme n. nom. for *Elathea*. **Kirkaldy**, G. W. l.c. (280).

Ilacckelia n. nom. for *Microphyllia*. **Kirkaldy**, G. W. l.c. (280).

Hypselonotus fuscus n. sp. Bolivia. **Osborn**, H. Ohio Nat., Columbus, Ohio, **5**, 1904, (199).

Kemetus n. gen. *Mictaria* for *K. alces* n. sp. Borneo. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (304).

Lycambes sargi n. sp. Guatemala. **Breddie**, G. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (306).

Marachisme n. nom. for *Phidippus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Mercennus n. nom. for *Melania* Dist.
Distant, W. L. Ann. Mag. Nat. Hist.,
London, (Ser. 7), **13**, 1904, (301).

Mictis loricata n. sp. Congo. Distant,
W. L. l.c. **14**, 1904, 61.

Mirperus nn. spp. Transvaal. Distant,
W. L. l.c. **13**, 1904, (352).

Myrmus formosus n. sp. Siberia.
Jakovlev, V. E. Rev. russ. ent., Jaroslavl', **4**, 2-3, 1904, (93-95).

Nanichisme n. nom for *Nesiotes*.
Kirkaldy, G. W. Entomologist, London,
1904, (280).

Ouranion n. nom. for *Bardistus*.
Kirkaldy, G. W. l.c. (280).

Phyllomorpha laciniata Vill., note.
Lambertie, M. Paris. Bul. soc. ent.,
1902, (325); Mayet, V. l.c. 1903, (14-15);
Mingaud, G. l.c. (158-159);
Pierre, abbe. l.c. (57).

Plinachtus trilineatus n. sp. Transvaal.
Distant, W. L. Ann. Mag. Nat. Hist.,
London, (Ser. 7), **13**, 1904, (351).

Pomponatus n. gen. near *Chaeromatus* for *P. typicus* n. sp. Distant,
W. L. l.c. (266).

Syromastes marginatus L., Spermatogeenese.
Gross, J. Zool. Jahrb., Jena, Abt. f. Anat., **20**, 1904, (439-498, mit 2 Taf.);
S. marginatus L., faunistisch. Horváth, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

Therapha hyoseyami L., faunistisch.
Horváth, G. l.c. (575).

BERYTIDAE.

Berytus hirticornis Brul., capture en nombre sur le coteau qui s'étend de Sannois à Corneilles-en-Parisis. Royer, M. Paris, Bul. soc. ent., 1902, (258).

LYGAEIDAE.

Anorygma n. subgen. (*Phaenacantha*).
Horváth, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (137).

Aphanus atomarius n. sp. Transvaal. Distant, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (353);
A. pini L., faunistisch. Horváth, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (576).

Artheneis alutacea Fieb.; *A. hircanica* Kol., faunistisch. Horváth, G. l.c. (576).

Blissus leucopterus. Ohio. Webster, F. M. Proceedings of the Twenty-second Annual Meeting of the Society for the Promotion of Agricultural Science, Held at Denver, Colorado, 1901, ([47]-57, with text fig., maps).

Brachyphyma n. gen. verwandt mit *Symphylax*, *B. argutum*, *B. ochraceum*, *B. papuense* n. spp. Horváth, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (141).

Calliseidus n. gen., *C. nigricollis* n. sp. Horváth, G. l.c. (153-154).

Chauliops rutherfordi n. sp. Old Calabar. Distant, W. L. Entomologist, London, 1904, (277).

Colobasiastes Bredd., *C. albipes* Bredd., *C. burmeisteri* Stål, *C. fulvicollis* Bredd., *C. nigrifrons* Bredd., Beschreibung; nn. spp. Horváth, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (158-168).

Colobathristes Burm., *C. mucronatus*, *C. nigriceps*, *C. chalcoccephalus* Beschreibung, 2 nn. spp. Horváth, G. l.c. (148-152).

Cymus claviculus Fall., faunistisch. Horváth, G. l.c. (576).

Diascopoea n. gen., verwandt mit *Peruda* Dist., for *D. villosa* Dist., *D. debilis* *D. discesa* nn. spp. Horváth, G. l.c. (154-157).

Dicuchus nn. spp. N. Queensland. Distant, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (268).

Emblethis denticollis Horv., faunistisch, *E. brevicornis* n. sp. Horváth, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (576-582); *E. lividus* n. sp. Turkestan orient. Jakovlev, V. E. Rev. russ. ent., Jaroslavl', **4**, No. 1, 1904, (23-26).

Fontejanus wasmanni, description. Breddin, G. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (410-412).

Geocoris arenarius Jak., faunistisch. Horváth, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (576); *G. (Picrocoris) chinensis* n. sp. China et espèces paléarctiques du sous-genre. Jakovlev, V. E. (Russ.) Rev. russ. ent., Jaroslavl', **4**, 4, 1904, (170-171);

G. elongatulus n. sp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (267).

Germalus lineolus n. sp. N. Queensland. **Distant**, W. L. l.c. (266).

Henestaris halophilus Burm., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (576).

Lamprodema maurum Fabr., faunistisch. **Horváth**, G. l.c. (576).

Lygaeus albomaculatus Goeze, *L. equestris* L., faunistisch. **Horváth**, G. l.c. (576); *L. sulcatus* n. sp. **Osborn**, H. Ohio Nat., Columbus, Ohio, **5**, 1904, (200).

Microplax interrupta Fieb., faunistisch. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (576).

Microtoma praeusta n. sp. Mont Alai. **Jakovlev**, V. J. Rev. russ. ent., Jaroslavl', **4**, No. 1, 1904, (23-26).

Narcegaster n. gen. for *N. geniculata* Stål. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (141-142).

Neoblissus n. gen., *N. parasitaster* n. sp. Brasilien. **Bergroth**, E. Wr. Entomol. Ztg, Wien, **22**, 1903, (253-256).

Nysius ericae Schill. var. *obscuratus* Horv., *N. senecionis* Schill., *N. thymi* Wolff, faunistisch; *N. pilosulus* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (576-581); *N. rubromaculatus* n. sp. Transvaal. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (352).

Oxyareneus scabrosus n. sp. New Mexico. **Uhler**, P. R. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (353).

Pamera nn. spp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (267-268); *P. tuberculata* n. sp. **Osborn**, H. Ohio Nat., Columbus, Ohio, **5**, 1904, ([195]-201).

Peruda Dist., *P. flarida* Bredd., *P. typica* Dist., *P. longiventris* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (168-171).

Phaenacantha n. gen. for *P. bicolor* Dist., *P. distincta* Dist., *P. krügeri* Bredd., *P. pallida* Stål, *P. pectoralis* Stål, *P. saechuriceida* Karsch, and *P. antennalis*, *P. ambigua*, *P. biroï*, *P. confusa*, *P. consobrina*, *P. conviva*,

P. discrepans, *P. femoralis*, *P. gestroi*, *P. méhelyi*, *P. pacifica*, *P. pilosella*, *P. sedula*, var. *melanoscelis* n. var., *P. solers*, *P. strenua*, *P. suturalis*, *P. unicolor*, *P. viridipennis* nn. spp. **Horváth**, G. l.c. (143).

Piptocentrus n. gen., *P. pilipes* n. sp. **Horváth**, G. l.c. (157-158).

Rhyparochromus chiragra Fabr., faunistisch. **Horváth**, G. l.c. (576); *R. compactus* n. sp. New Mexico. **Uhler**, P. R. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (354).

Symphylax n. gen., verwandt mit *Phaenacantha*, *S. pcticollis* n. sp., var. *blandus*, var. *confluens* nn. varr. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (142-144).

Tagalisca n. subgen. (*Phaenacantha*). **Horváth**, G. l.c. (140).

Taphroceranum n. gen., verwandt mit *Colobathristes* for *T. robustum* Bredd. **Horváth**, G. l.c. (147-148).

Trapezonotus arenarius L., faunistisch. **Horváth**, G. l.c. (576).

Trielocentrus n. gen., *T. gibbosus* n. sp. **Horváth**, G. l.c. (152-153).

PYRRHOCORIDAE.

Aeschines pyrrhocoroides n. sp. Carin Cheba, Java. **Kirkaldy**, G. W. and **Edwards**, S. Wr. Entomol. Ztg, Wien, **21**, 1902, (167, pl. III, fig. 7).

Antilocoris n. nom. for *Pygaeus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Astemma sappho n. sp. Neu-Caledonien. **Kirkaldy**, G. W. and **Edwards**, G. Wr. Entomol. Ztg, Wien, **21**, 1902, (171, pl. III, fig. 10).

Botocudo n. nom. for *Salacia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Caenocoris dudgeoni n. sp. Ostindien. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13-17).

Dindymus nn. spp. Carin Cheba, Birma. **Kirkaldy**, G. W. and **Edwards**, S. l.c. **21**, 1902, (169-170, pl. III, figs. 8, 9).

Ectatops nn. spp. Carin Cheba, Amboina. **Kirkaldy**, G. W. and **Edwards**, S. l.c. (166, pl. III, fig. 3).

Eurygophthalmus Laporte, Beschreibung einiger Arten, un. spp. Brasilien. **Kirkaldy**, G. W. and **Edwards**, S. *l.c.* (162-163).

Indra n. gen., *I. philarete* n. sp. Java. **Kirkaldy**, G. W. and **Edwards**, S. *l.c.* (170, pl. III, fig. 5).

Odontopus zoraida n. sp. Gabun. **Kirkaldy**, G. W. and **Edwards**, S. *l.c.* (169).

Peggichisme n. nom. for *Davila*. **Kirkaldy**, G. W. Entomologist, London, 1904, (280).

Physopecta indra n. sp. Mahe. **Kirkaldy**, G. W. and **Edwards**, S. *l.c.* Entomol. Ztg., Wien, 21, 1902, (165); *P. melanoptera* n. sp. W. Africa. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (61).

Polychisme n. nom. for *Imbrius*. **Kirkaldy**, G. W. Entomologist, London, 1904, (280).

Probergrothius n. nom. for *Odontopus*. **Kirkaldy**, G. W. *l.c.* (280).

Pyrrocoris apterus L., *P. marginatus* Kol., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (576).

Scopiastes bergrothi n. sp. Queensland. **Kirkaldy**, G. W. *l.c.* Entomol. Ztg., Wien, 22, 1903, (13-17).

Thaumastaneis n. gen., *T. montandoni* n. sp. Brasilien. **Kirkaldy**, G. W. and **Edwards**, S. *l.c.* 21, 1902, (163-164, pl. III, fig. 4).

Theraneis lurida **Distant**, Beschreibung. **Kirkaldy**, G. W. and **Edwards**, S. *l.c.* (161-172).

TINGIDAE.

Corythuca, development; *C. arcuata*: *crataegi* n. subsp. **Morrill**, A. W. Psyche, Cambridge, Mass., 10, 1903, (123-134, with 1 pl.).

Gelchossa n. nom. for *Leptostyla*. **Kirkaldy**, G. W. Entomologist, London, 1904, (280).

Maecenas n. nom. for *Tingis*. **Kirkaldy**, G. W. *l.c.* (280).

Monanthia echii Schok., *M. platyoma* Fieb., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (576).

Phyllochisme n. nom. for *Rhysatocheila*, L. & S. **Kirkaldy**, G. W. Entomologist, London, 1904, (280).

Phyllotocheila angusticollis H. Sch., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (576).

Piesma kolenatii Fieb., faunistisch. **Horváth**, G. *l.c.* (576).

Serenthia ruficornis Germ., faunistisch. **Horváth**, G. *l.c.* (576).

ARADIDAE.

Aradus cinnamomeus Panz. als Schadeinsekt auf der Kiefer. (Schwedisch) **Elfving**, K. O. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., 30, 1904, (31-32).

HYDROMETRIDAE.

Geristhoracicus Schumm var. *rapidus* n. var. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, 2, 1904, (576).

Metrocoris, table of species, *M. distantii* n. sp. Zoutpansberg. **Kirkaldy**, G. W. Entomologist, London, 1904, (61-62).

Velia brunnea n. sp. Bolivia. **Osborn**, H. [Contributions from the Department of zoology and entomology, Ohio State university, No. 20]. Ohio Nat., Columbus, Ohio, 5, 1904, (204).

HEINIOCEPHALIDAE.

Henicocephalus braunsii n. sp. Kapland. **Bergroth**, E. *l.c.* Entomol. Ztg., Wien, 22, 1903, (253-256); *H. puginatorius* n. sp. Cape Colony. **Distant**, W. L. Entomologist, London, 1904, (278).

Phthirocoris n. gen., *P. antarcticus* n. sp. Crozet Island. **Enderlein**, G. Zool. Anz., Leipzig, 27, 1904, (783-788).

Sphingmocephalus n. gen. = *Henicocephalus cureulio* Karsch. **Enderlein**, G. *l.c.* (783-788).

PHYMATIDAE.

Glossopelta dudgeoni n. sp. Kangra. **Distant**, W. L. Entomologist, London, 1904, (277).

REDUVIIDAE.

GENERAL.

Bredden, G. [Larvae of *Reduviidae* from the nests of ants and termites.] Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (412-416).

SPECIAL.

Acanthaspis nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (258-268); *A. (Tetroxia) affinis* n. sp. Ostafrika, Congostaat. **Schouteden**, H. Wr. Entomol. Ztg, Wien, **21**, 1902, (233-243); *A. (Plynius) breddini* n. sp. Kamerun. **Varela**, A. G. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (55).

Alemna nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (367).

Allocorhynchus nn. spp. Neucalcedonien, Nordafrika. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **20**, 1901, (219-225); *A. bengalensis* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (394).

Arcesius fuscus n. sp. **Distant**, W. L. l.c. (351).

Argolis (Caurus) nn. spp. Congo, Centralafrika. **Schouteden**, H. Wr. Entomol. Ztg., Wien, **21**, 1902, (233-243).

Audernacus n. gen., *A. andamanensis* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (306).

Bartacus n. gen. **Distant**, W. L. l.c. (374).

Bayerus n. gen., *B. cuneatus* n. sp. **Distant**, W. L. l.c. (307).

Brassivola n. gen., *B. hystrix* n. sp. Ceylon. **Distant**, W. L. l.c. (373-374).

Brontostoma n. nom. for *Mindarus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Centraspis insignis n. sp. Congo. **Schouteden**, H. Wr. Entomol. Ztg, Wien, **21**, 1902, (233-243).

Centrocnemis dearmata n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (246).

Conorrhinus megistus, attacks on man. **Poulton**, E. B. London, Trans. Ent. Soc., **1904**, (Proc. LXXVI); *C. sanguisuga*.

Davidson, A. Los Angeles, Bull. So. Cal. Acad. Sci., **2**, 1903, (120-122).

Coranus mongolicus n. sp. Mongolia. **Jakovlev**, V. E. Rev. russ. ent., Jaroslavl', **4**, No. 1, 1904, (23-26); *C. subap'erus* De Geer, faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Crascius melanopterus = (*Castrucci*) *insignis* Dist. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (276).

Dithmarus n. gen. *Stenopodinae*, *D. atromaculatus* n. sp. Transvaal. **Distant**, W. L. l.c. (353-354).

Dodonaeus n. gen., *D. humeralis* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (398-399).

Durganda fulrescens n. sp. **Distant**, W. L. l.c. (283).

Ectomocoris nn. spp. **Distant**, W. L. l.c. 1901, (293-296).

Edocla pelia n. sp. **Distant**, W. L. l.c. (275).

Elaphocranus n. gen., *E. tarandus* n. sp. Cameroons. **Bergroth**, E. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (357-358).

Endochus nn. spp. Transvaal. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (355); *E.* nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota London, **2**, Pt. 2, 1904, (367).

Epidaus atrispinus n. sp. **Distant**, W. L. l.c. (372).

Eriximachus n. gen., *E. globus* n. sp. **Distant**, W. L. l.c. (323-324).

Eutonymus n. gen., *E. spiniceps* n. sp. **Distant**, W. L. l.c. (244-245).

Golefridus n. gen., *G. alienus* n. sp. **Distant**, W. L. l.c. (328-329).

Harpactor femoralis n. sp. Transvaal. **Distant**, W. L. Ann. Mag., Nat. Hist., London, (Ser. 7), **13**, 1904, (355); *H. geniculatus* n. sp. Transcaucasia. **Jakovlev**, V. E. Rev. russ. ent., Jaroslavl', **4**, 2-3, 1904, (94); *H. iracundus* Poda, faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577); *H. squalus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (333).

Harinthus trochanterus n. sp. **N.** Queensland. **Distant**, W. L. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **13**, 1901, (269).

Henricohallia gallus n. sp. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1901, (389).

Hermillus rufipes n. sp. Kamerun. **Schouteden**, H. *Wr. Entomol. Ztg.*, Wien, **21**, 1902, (233-243).

Heteropinus discretus, characters. **Bergroth**, E. *Madrid, Bol. soc. esp. hist. nat.*, **4**, 1904, (362).

Irantha consobrina n. sp. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1901, (386).

Isachisme n. nom. for *Alyol*. **Kirkaldy**, G. W. *Entomologist*, London, **1904**, (280).

Libavins n. gen., *L. greeni* n. sp. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1904, (313).

Linsheosteus n. gen., *L. carnifex* n. sp. **Distant**, W. L. *l.c.* (287).

Lisarda rarelae n. sp. Cameroons. **Bergroth**, E. *Madrid, Bol. soc. esp. hist. nat.*, **4**, 1904, (360-361).

Lorichius n. gen., *L. umbonatus* n. sp. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1904, (402-403).

Marbodius n. gen., *M. exemplificatus* n. sp. **Distant**, W. L. *l.c.* (248).

Mestor n. nom. for *Lamus*. **Kirkaldy**, G. W. *Entomologist*, London, **1904**, (280).

Mindarus abietinus Koch in badi-schen Schwarzwalde. **Nüsslin**, O. *Allg. Forstztg.*, Frankfurt a. M., **80**, 1901, (1-5).

Nabis nn. spp. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1904, (400-401); *N. christophi* Dohrn., *N. ferus* L., *N. rugosus* L., faunistisch, *N. cinerascens* n. sp. **Horváth**, G. *Ann. Hist.-Nat. Mus. Nat. Hung.*, Budapest, **2**, 1904, (571); *N. fasciata* Stål., *Bemerkungen*, *N. (Poecilta) eva* n. sp. Alyssinien, Eritrea. **Kirkaldy**, G. W. *Wr. Entomol. Ztg.*, Wien, **20**, 1901, (219-225).

Odontogonus n. nom. Cameroons. **Bergroth**, E. *Madrid, Bol. soc. esp. hist. nat.*, **4**, 1904, (361).

Peregrinator n. nom. for *Microleptes*. **Kirkaldy**, G. W. *Entomologist*, London, **1904**, (280).

Phoneryates nn. spp. Congo. **Schouteden**, H. *Wr. Entomol. Ztg.*, Wien, **21**, 1903, (233-243); *P. (Cladophora) nuptura* n. sp. Kamerun. **Varela**, A. G. *Madrid, Bol. soc. esp. hist. nat.*, **4**, 1901, (55-56).

Phonoctonus elegans n. sp. Kamerun. **Varela**, A. G. *l.c.* (56).

Phonolibes bimaculatus n. sp. Transvaal. **Distant**, W. L. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **13**, 1901, (351).

Phorticus elinor n. sp. Singapur. **Kirkaldy**, G. W. *Wr. Entomol. Ztg.*, Wien, **20**, 1901, (219-225).

Physorhynchus pedestris n. sp. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1901, (320-322).

Querectanus n. gen., *Q. atromaculatus*, *Q. relatus* nn. spp. **Distant**, W. L. *l.c.* (310-311).

Raphidosoma tuberculatum n. sp. **Distant**, W. L. *l.c.* (330).

Reduviolus capsiformis, (Germar), *R. subcoleoptratus* (Kirby), *Bemerkungen*, nn. spp. Sumatra, Colorado, etc. **Kirkaldy**, G. W. *Wr. Entomol. Ztg.*, Wien, **20**, 1901, (219-225).

Reduvius tenuicornis Jak., faunistisch. **Horváth**, G. *Ann. Hist.-Nat. Mus. Nat. Hung.*, Budapest, **2**, 1904, (577); *R. transnominalis* n. nom., nn. spp. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1901, (251-253).

Rhamphocoris n. gen., *R. dorothea* n. sp. Culo Laut. **Kirkaldy**, G. W. *Wr. Entomol. Ztg.*, Wien, **20**, 1901, (219-225).

Rulandus n. gen., *R. phaedrus* n. sp. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1904, (396).

Scadra tibialis n. sp. **Distant**, W. L. *l.c.* (309).

Seridentus n. gen., *S. denticulatus* n. sp. British Guiana. **Osborn**, H. *Ohio Nat.*, Columbus, Ohio, **5**, 1901, (203).

Smithocoris n. nom. for *Smithus* Stål. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, pt. 2, 1904, (279).

Sphedanolestes nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (342).

Stegius n. gen., *S. praeus* n. sp. **Distant**, W. L. l.c. (323).

Sycanus nn. spp. **Distant**, W. L. l.c. (356).

Tapeinus nn. spp. Borneo. **Breddin**, G. Wr. Entomol. Ztg, Wien, **21**, 1902, (23-24).

Tragelaphodes n. gen., *T. hirculus* n. sp. Cameroons. **Bergroth**, E. Madrid, Bol. soc. esp. hist. nat., **4**, 1901, (358-360).

Villanovanus n. gen. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (364).

Westermannia n. nom. for *Westermannia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

CRATOCOMBIDAE.

Ceratocombus nn. spp. New Mexico. **Uhler**, P. R. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (361-362).

Crescentinus n. gen., *C. principatus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (108-109).

CIMICIDAE.

Piezoslethus Fall., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Triphleps nigra Wolff, faunistisch. **Horváth**, G. l.c. (577).

ANTHOCORIDAE.

Amphiareus n. gen. for *Xylocoris fulvescens* Walk. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (220).

Anthocoris pilosus Jak., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Arnulphus n. gen., *A. aterrimus* n. sp. Burma. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (220).

Lippomanus n. gen., *L. hirsutus* n. sp. Burma. **Distant**, W. L. l.c. (221).

Ostorodias n. gen., *O. contubernalis* n. sp. Himalaya. **Distant**, W. L. l.c. (219).

Sesellius n. gen. for *Anthocoris parallelus* Motsch. **Distant**, W. L. l.c. (221).

POLYCTENIDAE.

Polyetenes Gigl., *P. intermedius* n. sp. **Speiser**, P. Zool. Jahrb., Jena, Suppl. **7**, 1904, (373-380, mit 1 Taf.).

CAPSIDAE.

Actinonotus pulcher H. S., description. **Reuter**, O. M. Helsingfors, Öfers. F. Vet. Soc., **46**, No. 14, 1904, (3).

Adelphocoris funebris n. sp. Corea. **Reuter**, O. M. Rev. russ. ent., Jaroslavl', **4**, No. 1, 1904, (34-36); *A. lincolatus* Goetz, *A. lineolatus* var. *implagiatus* Westh., *A. selicornis* Fabr., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Agraptocoris n. gen., *A. eoneolor* n. sp. Russia. **Reuter**, O. M. Helsingfors, Öfers. F. Vet. Soc., **46**, No. 4, 1904, (6-7).

Alloeonycha n. gen., *A. mayri* n. sp. **Reuter**, O. M. l.c. (8-10).

Anapus flavicornis n. sp. Jak.? in litt. **Reuter**, O. M. l.c. (5-6); *A. pectoralis* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577-584).

Angerianus n. gen., *A. fractus*, *A. maurus* nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (437-438).

Amicessa n. gen., *A. chlaunaecha* n. sp. Brasilien. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13-17).

Ammona smithi (= *laberculata* Uhl. nec Dist.), Grenada: *antilleana* (= *Mala decoloris* Uhl.). St. Vincent. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (62).

Araspus n. gen., *Bryacoraria* for *Lopus partilis* Walk. **Distant**, W. L. l.c. **13**, 1904, (112).

Arculanus n. gen. near *Disphinctus*,
A. marshalli n. sp. Mashoualand.
Distant, W. L. l.c. (198).

Argenis n. gen., *Cylaparia* for *Capsus incisuratus* Walk. **Distant**, W. L. l.c. (107); *A. alborivirescens* n. sp. Ceylon. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, 2, Pt. 2, 1904, (435).

Armachanus n. gen., *A. monoceros* n. sp. **Distant**, W. L. l.c. (478-479); *A. spicatus* n. sp. N.W. Australia. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), 13, 1904, (203).

Atomophora nn. spp. Russia. **Reuter**, O. M. Helsingfors, Öfers. F. Vet. Soc., 46, No. 4, 1904, (10-15).

Atomoscelis onustus Fieb., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (578).

Atractotomus brevicornis Reut. ♂ description **Reuter**, O. M. Helsingfors, Öfers. F. Vet. Soc., 46, No. 14, 1904, (17).

Bertsia n. nom. for *Berta*. **Kirkaldy**, G. W. Entomologist, London, 1904, (280).

Bilia n. gen., *B. fracta* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, 2, Pt. 2, 1904, (480).

Bothriomiris testaceus n. sp. **Distant**, W. L. l.c. (470).

Breddiniessa n. nom. = *Periscopus*, *Breddin*. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, 22, 1903, (13-17).

Callicratides n. gen. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, 2, Pt. 2, 1904, (417).

Calocoris spp., description. **Reuter**, O. M. Helsingfors, Öfers. F. Vet. Soc., 46, No. 14, 1904, (2-3); *C. dohertyi* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, 2, Pt. 2, 1904, (452).

Camponotidea saundersi Put., description. **Reuter**, O. M. Helsingfors, Öfers. F. Vet. Soc., 46, No. 14, 1904, (4).

Cantobrochis nn. spp. S. Africa. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), 13, 1904, (201, 202); *C.* nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, 2, Pt. 2, 1904, (460-462); *C. brevis* n. sp. New Mexico. **Uhler**, P. R. Washington,

D.C., Smithsonian Inst. Nation. Mus. Proc., 27, 1904, (359); *C. oculatus* n. sp. Aethiopia. **Reuter**, O. M. Helsingfors, Öfers. F. Vet. Soc., 46, 1904, (3); *C. punctulata* Fall., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (577); *C. signatus* n. sp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), 13, 1904, (274).

Campylognathus fulvus n. sp. **Reuter**, O. M. Helsingfors, Öfers. F. Vet. Soc., 46, No. 11, 1904, (18).

Campylotropis n. gen., *C. jakovlevi* n. sp. Corea. **Reuter**, O. M. Rev. Russ. ent., Jaroslavl', 4, No. 1, 1904, (31-36).

Capellanus n. gen. *Phytocoraria* Walk. for *Lygus sparsus* Dist. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), 13, 1904, (109).

Capsus nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, 2, Pt. 2, 1904, (468-469).

Chamus n. gen. *Cylaparia*, *C. wealei* n. sp. Cape Colony. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), 13, 1904, (197).

Charagochilus nigricornis n. sp. Athiopia. **Reuter**, O. M. Helsingfors, Öfers. F. Vet. Soc., 46, 1904, (2).

Charitocoris n. gen., *C. pallidus* n. sp. Persia. **Reuter**, O. M. St. Peterburg, Ann. Mus. zool. Ac. Sc., 9, 1-2, 1904, (5-16).

Chlamydatus pullus Reut., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (578).

Chlorosomella n. gen., *C. geniculata* n. sp. Aethiopia. **Reuter**, O. M. Helsingfors, Öfers. F. Vet. Soc., 46, 1904, (1-18).

Clapmarius n. gen., *C. turgidus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, 2, Pt. 2, 1904, (119-120).

Clivinema rubida n. sp. New Mexico. **Uhler**, P. R. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., 27, 1904, (355).

Combalus n. gen., *C. novilius* n. sp. Assam. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, 2, Pt. 2, 1904, (431).

Cyphodema ? *junodi* n. sp. Transvaal. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (201).

Daybertus n. gen. near *Episcopus* for *Capsus darwini*, etc. **Distant**, W. L. l.c. (203).

Deracocoris nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (467); *D.* spp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (5).

Dichroosecytus consobrinus n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577, 583-584); *D. elegans* n. sp. New Mexico. **Uhler**, P. R. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (356).

Diognetus n. gen., *D. intonsus* n. sp. Ceylon, **Distant**, W. L. Fauna Brit. Ind. Rhynchota, London, **2**, Pt. 2, 1904, (431-432).

Disphinctus elegans n. sp. **Distant**, W. L. l.c. (445).

Estuidus n. gen. near *Malalasta*, *E. foveatus*, *E. marginatus* nn. spp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (273).

Eucrocoris suspectus n. sp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (271).

Felisacus n. nom., *F. magnificus* n. sp. Ceylon. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (433-439).

Fingulus n. gen. near *Physebonatus*, *F. atrocoeruleus* n. sp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (275).

Fulgentius n. gen. *Herdonaria*, *F. mandarinus* n. sp. China. **Distant**, W. L. l.c. (403, 404).

Gallobellicus n. gen., *G. crassicornis* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (177-178).

Gismunda n. gen., *G. chelonina* n. sp. **Distant**, W. L. l.c. (463).

Globiceps dispar Boh., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus.

Nat. Hung., Budapest, **2**, 1904, (577); *G. parviceps* n. sp. **Reuter**, O. M. Ent. Mag., London, **40**, 1904, (51).

Guisardus n. gen., *G. pellucidus* n. sp. **Distant**, W. L. Fauna Brit. Ind. Rhynchota, London, **2**, Pt. 2, 1904, (436).

Halticus chrysoplepis n. sp. Honolulu. **Kirkaldy**, G. W. Entomologist, London, **1904**, (179); *H. intermedius* n. sp. **Uhler**, P. R. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (360).

Harpedona n. gen., *H. marginata* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (418-419).

Hathor n. gen., *H. zoraida* n. sp. Congo. **Kirkaldy**, G. W. and **Edwards**, S. Wr. Entomol. Ztg, Wien, **21**, 1902, (168, pl. III, fig. 6).

Helopeltis oryx n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (441).

Hermolinus n. gen., *H. signatus* n. sp. **Distant**, W. L. l.c. (462).

Horeias nn. spp. S. America. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (200).

Hyalopeplus spinosus n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, pt. 2, 1904, (447).

Hyoidea notaticeps Reut., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Hyperoides n. nom. = *Melinna* Uhler. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13-17).

Isometopus feamus n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (484).

Kalanina n. nom. for *Baracus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Laemocoris zarudnyi n. sp. Persia. **Reuter**, O. M. St. Petersburg, Ann. Mus. zool. Ac. Sc., **9**, 1-2, 1901, (5-16).

Laodamia n. nom. = *Strongylotes* Reuter. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13-17).

Liocoris nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (461).

Lissoapsus n. gen., *L. wasmanni* n. sp. Madagascar. **Bergroth**, E. Wr. Entomol. Ztg. Wien, **22**, 1903, (253-256).

Lopus australis Walk. referred to *Pantilius* and described. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (106); *L. bimaculatus* Jak., description. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (1-2).

Lucitanus n. gen. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (165).

Lygus nn. spp. **Distant**, W. L. l.c. (455-458); *L. australis* n. nom. for *L. innotatus* Walk., *L. aethiops* n. nom. for *L. limbatus* Walk. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (110, 111); *L. flavoscutellatus* n. sp. N. Queensland. **Distant**, W. L. l.c. (273); *L. kalmi* l., *L. pratensis* l., *L. spinolae* Mey., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577); *L. schonlandi* n. sp. Cape Colony. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (199).

Mabelia n. gen., *M. pulcherrima* n. sp. Brasilien. **Kirkaldy**, G. W. Wr. Entomol. Ztg. Wien, **22**, 1903, (13-17).

Macgregorius n. gen., *M. regalis* n. sp. Queensland. **Kirkaldy**, G. W. l.c. (13-17).

Malalasta n. gen., *M. superba* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (446).

Malthacosoma adspersum n. sp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (11-12).

Matenesius n. gen., *M. marginatus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (125-126).

Maurodactylus albidus var. *pallidicornis* n. var. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578).

Megacolum nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (428-430); *M.* nn. spp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (263-276); *M. transvaalensis* n. sp. Pretoria. **Distant**, W. L. l.c. (196).

Megaloceraca nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (424-425); *M. doddi* n. sp. New Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (269).

Megalocoleus sp. ♀. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578); *M. albidus* n. sp. Russia. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 1, 1904, (9-10).

Mertila n. gen. *Bryocoraria*, *M. malayensis*, *M. ternatensis* nn. spp. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (113).

Metriorrhynchomiris n. nom. for *Metriorrhynchus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Merius n. gen., *M. lewisi* n. sp. Ceylon. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (153).

Miris atkinsoni n. sp. **Distant**, W. L. l.c. (423); *M. calcaratus* Fall. var. *virescens* Fieb., *M. trispinosus* Reut., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577); *M. ruficeps* n. sp. Cape Colony. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (105).

Mycterocoris n. gen. New Mexico. **Uhler**, P. R. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (358).

Myrmecophyes nn. spp. Russia. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 4, 1904, (4-6).

Mystilus n. gen., *M. priamus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (120).

Nanniella n. gen., *N. chalybea* n. sp. Aethiopia. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, 1904, (1-8).

Nasocoris argyrotichus Reut., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578).

Neofurius thetis n. sp. Brasilien. **Kirkaldy**, G. W. Wr. Entomol. Ztg. Wien, **22**, 1903, (13-17).

Nichomachus n. gen. *Herdonaria*, *N. sloggetti* n. sp. Cape Colony. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (104).

Nicrostratus n. gen., *N. balteatus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (475).

Nyctidea n. gen., *N. moesta* n. sp. Russia. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 4, 1904, (15-17).

Nymannus n. gen. *Miraria*, *N. typicus* n. sp. Cape Colony. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (195).

Oncotylus cunealis n. sp. Persia. **Reuter**, O. M. St. Petersburg, Ann. Mus. zool. Ac. Sc., **9**, 1-2, 1904, (14); *O. fuscicornis* n. sp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (10-11).

Onomaus n. gen., *O. pompeus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (416-417).

Orthocephalus bilineatus Tak., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Orthotylus nn. spp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (6-8); *O. flavosparsus* Sahlb., *O. turanicus* Rent. faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Paracalocoris nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (450-451); *P. barretti* n. sp. Cape Colony. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (199); *P. capensis* n. sp. Cape of Good Hope. **Distant**, W. L. l.c. (110).

Paracarnus grenadensis (= *mexicanus* Uhler) n. sp. Grenada. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (62).

Pharyllus n. gen. Ceylon. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (431).

Phytocoris nn. spp. Russia. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 4, 1904, (1-3); *P.* nn. spp. Persia. **Reuter**, O. M. St. Petersburg, Ann. Mus. Zool. Ac. Sc., **9**, 1-2, 1904,

(8-9); *P. crinitus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, pt. 2, 1904, (448).

Plagiognathus albipennis Fall., *P. albipennis* var. *pallidus* Dahlb., *P. alpinus* Reut., *P. bipunctatus* Reut., *P. chrysanthemi* Wolff, faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578); *P. cinerascens* n. sp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (17-18).

Pleuroxnotus n. gen., *P. nasutus* n. sp. Russia. **Reuter**, O. M. l.c. (7-9).

Poeciloscytus nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (459-460); *P. cuneatus* Dist. (as *Lygus*) = (*obscurus* Uhler); nn. spp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (62, 274); *P. unifasciatus* Fabr., *P. cognatus* Fieb., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Polymerus varicornis n. sp. Corea. **Jakovlev**, V. E. Rev. russ. ent., Jaroslavl', **4**, 1-3, 1904, (53-55).

Poronotellus n. nom. for *Poronotus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Prodromus n. gen., *P. clypeatus*, *P. subflavus*, *P. subviridis* nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (436-437).

Pronototropis punctipennis Fieb., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578).

Psallopsis basalis n. sp. Persia. **Reuter**, O. M. St. Petersburg, Ann. Mus. Zool. Ac. Sc., **9**, 1-2, 1904, (5-16); *P. longicornis* Jak., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578).

Psallus proteus Put., description and nn. spp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (12-16); *P. singalensis* n. sp. Ceylon. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (182).

Psilorrhamphocoris n. nom. = *Psilorrhamphus* Stål. **Kirkaldy**, G. W. Wr. Entomol. Ztg. Wien, **22**, 1903, (13-17).

Ragnar n. nom. for *Melanocoris*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Reuterista n. nom. for *Brachybasis*.
Kirkaldy, G. W. *Ic.* (280).

Sabellieus n. gen. near *Deracocoris* for *Capsus apicifer* and *Lopus sordidus*.
Distant, W. L. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **13**, 1901, (111).

Scirtetellus seminitens n. sp. **Horváth**, G. *Ann. Hist.-Nat. Mus. Nat. Hung.*, Budapest, **2**, 1904, (577, 581-585).

Sophianus n. gen., *S. alecs* n. sp.
Distant, W. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1901, (185-186).

Stenodema nn. spp. **Reuter**, O. M. *Helsingfors, Öfvers. F. Vet. Soc.*, **46**, No. 15, 1904, (8-20).

Taneredus n. gen., *T. sandaracatus* n. sp. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1901, (430).

Tenthecoris bicolor, characters. **Distant**, W. L. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **13**, 1904, (202).

Tirys n. nom. = *Trichia* Reuter.
Kirkaldy, G. W. *Wr. Entomol. Ztg.*, Wien, **22**, 1903, (13-17).

Trachelonotus n. gen. *T. unifasciatus* n. sp. Persia. **Reuter**, O. M. *St. Petersburg, Ann. Mus. Zool. Ac. Sc.*, **9**, 1-2, 1904, (5-16).

Trichobasis n. gen., *T. setosa* n. sp. Aethiopia. **Reuter**, O. M. *Helsingfors, Öfvers. F. Vet. Soc.*, **46**, 1904, (1-8).

Trigonotylus ruficornis Fourer., faunistisch. **Horváth**, G. *Ann. Hist.-Nat. Mus. Nat. Hung.*, Budapest, **2**, 1904, (577).

Turnebus n. gen., *T. cuneatus* n. sp. India. **Distant**, W. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1904, (485).

Tylopeltis n. gen., *T. albosignata* n. sp. Aethiopia. **Reuter**, O. M. *Helsingfors, Öfvers. F. Vet. Soc.*, **46**, 1904, (1-8).

Tyraquellus n. gen., *T. maculatus* n. sp. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1901, (471).

Volkelius n. gen. near *Sahlbergella*, *V. sulcatus* n. sp. N. Queensland. **Distant**, W. L. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **13**, 1904, (271).

Zanchisme n. nom. for *Schizonotus*.
Kirkaldy, G. W. *Entomologist*, London, **1904**, (280).

Zanclus n. gen., *Z. annulatus* n. sp.
Distant, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1904, (477).

Zanessa sanguinolenta n. sp. **Distant**, W. L. *Ic.* (132-133).

SALDIDAE.

Leotichius n. gen., *L. glaucopsis* n. sp.
Distant, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1901, (107).

Salda amplicollis Reut., *S. jakowleffi* Reut., *S. jakowleffi* Reut. var. *mocrens* n. var., *S. orthochila* Fieb., *S. pallipes* Fabr., *S. pilosella* Thoms., *S. xanthochila* Fieb., faunistisch. **Horváth**, G. *Ann. Hist.-Nat. Mus. Nat. Hung.*, Budapest, **2**, 1904, (578); *S. dironi* n. sp. **Distant**, W. L. *Fauna Brit. Ind.*, Rhynchota, London, **2**, Pt. 2, 1904, (405).

Valleriola n. gen., *V. greeni* n. sp.
Distant, W. L. *Ic.* (105-106).

GALGULIDAE.

Mononyx luteovaricus n. sp. Queensland. **Distant**, W. L. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **14**, 1904, (63).

NEPIDAE.

Cercotmetus fumosus n. sp. Ceylon.
Distant, W. L. *Entomologist*, London, **1904**, (278).

Laccotrephes flavovenosa Dohrn (as *Nepa*) = (*japonensis* Scott) nn. spp. Africa. **Distant**, W. L. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **14**, 1904, (63-64).

Macrocoris transvaalensis n. sp. Lydenburg. **Distant**, W. L. *Entomologist*, London, **1904**, (258).

Ranatra. **Holmes**, S. J. *Lausing*, *Rep. Mich. Acad. Sci.*, **6**, 1904, (199); *R. fusca*, anatomy. **Marshall**, W. S. and **Severin**, H. *Madison, Trans. Wis. Acad. Sci.*, **14**, (1903), 1904, ([487]-508, with pl.); *R. sordidula* = (*unicolor* Scott) nn. spp. S. Africa. **Distant**, W. L. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **14**, 1904, (61-66).

Thurselinus n. gen., near *Macrocoris*, *T. greeni* n. sp. Ceylon. **Distant**, W. L. *Entomologist*, London, **1904**, (259).

NOTONECTIDAE.

Notonecta glauca L., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578).

Plea japonica n. sp. **Horváth**, G. l.c. (591).

CORIXIDAE.

Corixa concinna Fieb., *C. prænsta* Fieb., faunistisch, *C. aeromelaena* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578, 585-586).

Micronecta nn. spp. **Horváth**, G. l.c. (595).

HEMIPTERA HOMOPTERA.

GENERAL.

Ashmead, W. H. The Homoptera of Alaska. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 8.] New York, 1904, (127-137, with text figs.).

CICADIDAE.

GENERAL.

Melichar, L. Analyse der palaearktischen Cikaden aus der Familie Cicadidae Fieb. (Čechisch) Prossnitz, Věstn. Kl. Přírod., **5**, 1903, (12-27).

SPECIAL.

Angamiana floridula n. sp. Tonkin. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (299).

Antankaria n. gen., type *C. madagascariensis* Dist. **Distant**, W. L. l.c. (129).

Arunta n. gen., type *C. perulata* Guérin. **Distant**, W. L. l.c. (302).

Cacama n. gen., type *Proarna maura* Dist. **Distant**, W. L. l.c. (429).

Chlorocysta vitripennis Westw., *C. macrula* Stal., descriptions. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (659-660, pl. XIX, fig. 6).

Cicada nn. spp. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7),

14, 1904, (330, 331, 428); *C. mn. spp.* **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (673); *C. mn. spp.* N. S. Wales, *C. angularis* Germ., *C. sylvana* Dist., *C. extrema* Dist., *C. intersecta* Walk., *C. fidicina internata* Walk. — *P. prasina* Walk., descriptions. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (580-584); *C. septendecim* in Rhode Island. **Packard**, A. S. Psyche, Cambridge, Mass., **10**, 1903, (218-220); *C. septendecim* in Maryland. **Quaintance**, A. L. Agric. Exp. Sta., Maryland, College Park, Bull., No. **8**, 1902, (65-116, with 3 pls., 17 figs.); [review] Washington, D.C., U. S. Dept. Agric. Off. Exp. Sta. Rec., **14**, 1903, (988).

Cosmopsaltria khadiga n. sp. Pahang. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (671, pl. XXX, fig. 9).

Cryptotympana holsti n. sp. Formosa, Sumbawa. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (331, 430); *C. nigra* Stoll. (= *Tettigonia pustulata* Fabr. = *T. atrata* Fabr. = *Cicada atrata* Sign.), description. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (592).

Cyclochila australasiae Donovan., descr. **Goding**, F. W. and **Froggatt**, W. W. l.c. (569); mating with *Thopha saecata* Amyot. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (116-117, pl. XI).

Cystopsaltria n. gen., type *C. immaculata* n. sp. Queensland. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (661, pl. XXIII, figs. 1-1a).

Cystosoma saundersii Westw., *C. schmeltzi* Dist., descriptions. **Goding**, F. W. and **Froggatt**, W. W. l.c. (663-664).

Gaeana maculata Drury (= *Gaeana consors* White), descr. **Goding**, F. W. and **Froggatt**, W. W. l.c. (613, pl. XVIII, figs. 1-4b).

Glaucopsaltria n. gen., type *G. viridis* n. sp. Tambourine Mts., Q. **Goding**, F. W. and **Froggatt**, W. W. l.c. (658).

Hamza n. gen. for *Platypleura bouruensis*. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (674).

Henicopsaltria eydouxii Guér. (= *Psaltoda flarescens* Frogg.), descr., *H. perulata* Guér., *H. interclusa* Walk., *H. fullo* Walk., *H. nubirena* Walk., descr. **Goding, F. W. and Froggatt, W. W.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (574-578); *H. pygmaea* n. sp. S. W. Australia. **Distant, W. L.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (303).

Huccllys vidua White, descr. **Goding, F. W. and Froggatt, W. W.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (614, pl. XVIII, figs. 10-10b).

Ioba n. gen., type *P. leopardina* Dist. **Distant, W. L.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (295).

Kanakia congrua n. sp. Kuranda and Brisbane, Q. **Goding, F. W. and Froggatt, W. W.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (656, pl. XVIII, figs. 6, 6a, 6b).

Koma n. gen., type *P. bombyfrons* Karsch. **Distant, W. L.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (296).

Kongota n. gen., type *P. punctigera* Walk. **Distant, W. L.** l.c. (298).

Macrotristria nigrovenosa n. sp. N. Queensland. **Distant, W. L.** l.c. (329); *M. nigrosignata* n. sp. W. Australia. **Distant, W. L.** London, Trans. Ent. Soc., **1904**, (673, pl. XXIX, fig. 7).

Melampsalta nn. spp. Australia. *M. torrida* Erich. (= *Cicada basiflamma* Walk. = *C. connexa* Walk. = *C. damater* Wlk.), *M. umbrimargo* Wlk., *M. convergens* Wlk., *M. labeculata* Dist., *M. interstans* Wlk., *M. abdominalis* Dist., *M. denisoni* Dist., *M. bauans* Germ., *M. lundsbroughi* Dist., *M. oldfieldi* Dist., *M. tioxiepe* Walk. (= *Cicada duplex* Walk. = *C. arche* Wlk.), *M. angusta* Wlk. (*Cicada rosea* Wlk. = *C. vilinea* Walk. = *Melampsalta rosea* Stål. = *Cicada muta* Hudson), *M. quadricincta* Walk., *M. marginata* Leach, *M. labyrinthica* Wlk., *M. acaele* Walk., *M. melele* Walk., *M. abbreviata* Walk., *M. latorea* Walk., *M. incepta* Walk., *M. forresti* Dist., *M. mackinlayi* Dist., *M. warburtoni* Dist., *M. convicta* Dist., *M. eyrei* Dist., *M. oxleyi* Dist., descriptions. **Goding, F. W. and Froggatt, W. W.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (631-655).

(n 2-5658)

Muansa n. gen., type *P. clypealis* Karsch. **Distant, W. L.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (295).

Munza n. gen., type *P. laticlaria* Stål. **Distant, W. L.** l.c. (297).

Oria n. gen., type *Cicada boliviana* Dist. **Distant, W. L.** l.c. (429).

Pauropsalta n. gen., *P. lewensis*, *P. castanea*, *P. prolongata*, *P. extensa*, *P. nigristriga*, *P. annulata*, *P. nodicosta*, *P. dubia*, *P. rubra*, *P. basalis*, *P. emma*, *P. borealis*, *P. minima* nn. spp. Australia. *P. extrema* Dist., *P. eucasticea* Germ. = (*Cicada arelus* Walk. = *C. juvenis* Walk. = *C. dolens*, described), *P. mueme* Walk. (= *Cicada antica* Walk.), *P. incipiens* Walk., *P. leichardti* Dist., *P. multifascia* Walk., (= *Cicada singula* Walk., = *C. obscurior* Walk.), *P. puer* Walk., *P. sericeivitta* Walk., descriptions. **Goding, F. W. and Froggatt, W. W.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (615-628).

Platypleura nn. spp. **Distant, W. L.** London, Trans. Ent. Soc., **1904**, (667-668); *P.* nn. spp. Africa. **Distant, W. L.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (332-334); *P.* nn. spp. Nordost Afrika. **Jacobi, A.** Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (766-767); *P. plagiata* Karsch, Beschreibung, *P. laticollis* n. sp. Trop. Ostafrika. **Melichar, L.** Wien, Verh. ZoolBot. Ges., **54**, 1904, (25); *P. tepperi* n. sp. Northern Territory, Australia. **Goding, F. W. and Froggatt, W. W.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (568, pl. XVIII, figs. 5-5a).

Pomponia nn. spp. Mussocree. **Distant, W. L.** l.c. (671-672).

Psaltoda plebeia n. sp. N. S. Wales. *P. moerens* Germ., *P. aurora* Dist., *P. flarescens* Dist. (587), *P. pietibasis* Walk., *P. argentata* Germ. (= *Cicadaplaga* Walk. = *C. argentata* (?) Walk.), *P. harrissi* Leach (= *Cicada dichroa* Boisd. = *Fidicina sulguttata* Walk.) descriptions. **Goding, F. W. and Froggatt, W. W.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1901, (586-590).

Pycna nn. spp. Africa. **Distant, W. L.** London, Trans. Ent. Soc., **1904**, (670); *P. coelestia* n. sp. W. China

Distant, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (335).

Rihana n. gen., type *Fidicina ochracea* Walk., *R. swalei*, *R. virgulata* nn. spp. Mexico. **Distant**, W. L. l.c. (426, 427).

Sadaka n. gen., type *P. virescens* Karsch. **Distant**, W. L. l.c. (296).

Terposia nn. spp. India. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (675, 676).

Tettigareta tomentosa White, *T. crinita* Dist., descriptions. **Goding**, F. W. and **Froggatt**, W. W. l.c. (665-666, pl. XVIII, figs. 3, 3A).

Tettigia tristigma Germ., descr., *T. variegata* n. sp. Townsville, Q. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (594, pl. XVIII, figs. 9-9A).

Thopha saecata Fabr., *T. sessiliba* Dist., descr. **Goding**, F. W. and **Froggatt**, W. W. l.c. (571-572, pl. XVIII, figs. 1-5); mating with *Cyclochila australasiae* Don. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (116, 117, pl. XI).

Tibicen nn. spp. Australia. *T. euricrosta* Germ. = *Cicada tephrogaster* Boisd., *T. melanopygius* Germ., *T. interruptus* Walk., *T. gilmorei* Dist., *T. auratus* Walk., *T. coleoptratus* Walk., *T. willsi* Dist., *T. burkei* Dist., *T. gregoryi* Dist., *T. muelleri* Dist., *T. infans* Walk., descriptions. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (608-612); *T. sankara* n. sp. India. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (675, pl. XXX, fig. 8).

Tosena seebohmi n. sp. Formosa. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (301).

Trismarcha exsul n. sp. Nordost-Afrika. **Jacobi**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (768).

Tympanoterpes hilaris Germ. (= *Cicada subincta* Walk. = *C. albiflos* Walk. = *C. tomentosa* Walk.), described. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (592).

Ugada n. gen., type *Tettigia limbata* Fabr., *U. nutti* n. sp. Tanganyika. **Distant**, W. L. Ann. Mag. Nat. Hist.,

London, (Ser. 7), **14**, 1904, (299, 366); *U. praecellens* = *Platypleura praecellens* Stål. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (669).

Umjaba n. gen., type *P. evanescens* Butl. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (298).

Venustria n. gen., type = *V. superba* n. sp. Kuranda, Q. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (596-597, pl. XIX, figs. 7-7a).

Xosopsaltria n. nom. for *Pydna*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Yanga n. gen., type *P. hora* Dist. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (297).

FULGORIDAE.

GENERAL.

Swezey, O. H. Observations on Hymenopterous parasites of certain Fulgoridae. [Contributions from the department of zoölogy and entomology, Ohio State University, No. 13.] Ohio Nat., Columbus, Ohio, **3**, 1903, (444-451, incl. pl.).

SPECIAL.

Aloha n. gen., near *Megamelus*, *A. ipomeae* n. sp. Oahu. **Kirkaldy**, G. W. Entomologist, London, **1904**, (177).

Amfortas n. nom. for *Gastrinia*. **Kirkaldy**, G. W. l.c. (279-280).

Amphiscepa birittata Say, life history. **Swezey**, O. H. Ohio Nat., Columbus, Ohio, **3**, 1903, (354-357, with pl.); *A. calida*, *A. subpellucida*. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (118-119, Pl. XII, figs. 8, 9).

Anotia nn. spp. Central America. **Fowler**, W. W. l.c. (77-79).

Bergias n. nom. for *Bergia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279-280).

Bothriocera nn. spp. Central America. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (83, 84).

Bothriocerodes n. gen., *B. variegatus*, *B. castaneus*, *B. metallicus* nn. spp. Central America. **Fowler**, W. W. *l.c.* (84, 85).

Bythopsyra nn. spp. Sumatra. **Schmidt**, E. *Stettiner ent. Ztg.*, **65**, 1904, (188-209).

Caliscelis Lap., synoptische; Übersicht der Arten, nn. spp. **Horváth**, G. *Ann. Hist.-Nat. Mus. Nat. Hung.*, Budapest, **2**, 1904, (378-385).

Cedusa n. gen. near *Plectoderes*, *C. funesta*, *C. venosa* nn. spp. Mexico. **Fowler**, W. W. *Biol. Centr.-Amer.*, London, Rhyn. Homop., **1**, 1904, (28, 29).

Cerynia nigropustulata n. sp. Sumatra. **Schmidt**, E. *Stettiner ent. Ztg.*, **65**, 1904, (182-212).

Chloriona unicolor H.-Sch., faunistisch. **Horváth**, G. *Ann. Hist.-Nat. Mus. Nat. Hung.*, Budapest, **2**, 1904, (579).

Cixius nn. spp. Central America. **Fowler**, W. W. *Biol. Centr.-Amer.*, London, Rhyn. Homop., **1**, 1904, (96-97).

Colgorma n. nom. for *Teinora*. **Kirkaldy**, G. W. *Entomologist*, London, **1904**, (279-280).

Copsyrna alma n. sp. Sumatra. **Schmidt**, E. *Stettiner ent. Ztg.*, **65**, 1904, (185).

Cyclumna n. gen. *Issidae*, *C. subrotundata* n. sp. Mexico. **Fowler**, W. W. *Biol. Centr.-Amer.*, London, Rhyn. Homop., **1**, 1904, (116).

Delphax conspicua n. sp. **Horváth**, G. *Ann. Hist.-Nat. Mus. Nat. Hung.*, Budapest, **2**, 1904, (579, 589-590).

Dendrophora breviceps n. sp. Trop. Ostafrika. **Melichar**, L. *Wien, Verh. ZoolBot. Ges.*, **54**, 1904, (30).

Dictyophora nn. spp. Trop. Ostafrika. **Melichar**, L. *l.c.* (29, 38).

Eparmene n. gen. *Cixiides*, *E. pulchella* n. sp. Panama. **Fowler**, W. W. *Biol. Centr. Amer.*, London, Rhyn. Homop., **1**, 1904, (101).

Florichisme n. nom. for *Poccilostola*. **Kirkaldy**, G. W. *Entomologist*, London, **1904**, (279-280).

Gelastophantia n. nom. for *Cyorda*. **Kirkaldy**, G. W. *l.c.* (279-280).

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Gelastyra n. nom. for *Cibyra*. **Kirkaldy**, G. W. *l.c.* (279-280).

Grynia nigricoxis. **Fowler**, W. W. *Biol. Centr.-Amer.*, London, Rhyn. Homop., **1**, 1904, (193, pl. XI, fig. 9).

Haplaxius n. gen. near *Cixius*, *H. frontalis*, *H. laevis* nn. spp. **Fowler**, W. W. *l.c.* (97-98).

Helicoptera nn. spp. **Fowler**, W. W. *l.c.* (106-107, pl. XI).

Heremon n. nom. = *Enipens* Stål. **Kirkaldy**, G. W. *Wr. Entomol. Ztg.*, Wien, **22**, 1903, (13-17).

Hesperophantia n. nom. for *Carthaca*. **Kirkaldy**, G. W. *Entomologist*, London, **1904**, (279-280).

Hyphancyclus n. gen. *Issidae*, *H. excelsus*, *H. falcatus* nn. spp. Mexico. **Fowler**, W. W. *Biol. Centr. Amer.*, London, Rhyn. Homop., **1**, 1904, (117).

Hysteropterum nn. spp. Mexico. **Fowler**, W. W. *l.c.* (119, 120, Pl. XII).

Kareol n. nom. for *Anagnia*. **Kirkaldy**, G. W. *Entomologist*, London, **1904**, (279-280).

Liburnia campestris, life history. **Swezey**, O. H. *Washington, D.C., Bull. U. S. Dept. Agric. Div. Ent.*, No. **46**, 1904, (13-46).

Megamelus leahi n. sp. Oahu. **Kirkaldy**, G. W. *Entomologist*, London, **1904**, (176).

Metabrixia n. gen., *M. taeta* *M. germana*, *M. aspersa*, *M. delicata*, *M. maculata* nn. spp. Central America. **Fowler**, W. W. *Biol. Centr.-Amer.*, London, Rhyn. Homop., **1**, 1904, (86-88, pl. IX-X).

Micrixia n. gen. *Cixiides*, *M. costalis* n. sp. Mexico. **Fowler**, W. W. *l.c.* (101).

Microlerida n. gen., *Cixiides*, *M. asperata* n. sp. Mexico. **Fowler**, W. W. *l.c.* (99).

Micromasoria n. nom. for *Cona*. **Kirkaldy**, G. W. *Entomologist*, London, **1904**, (279-280).

Mnemosyne planiceps. **Fowler**, W. W. *Biol. Centr.-Amer.*, London, Rhyn. Homop., **1**, 1904, (102, pl. XI, figs. 7, 8).

Myconus collaris Haglund, Beschreibung. **Melichar**, L. *Wien, Verh. ZoolBot. Ges.*, **54**, 1904, (25-48).

Nephesa nn. spp. Sumatra. **Schmidt**, E. Stettiner ent. Ztg, **65**, 1904, (205, 211).

Oecleus nn. spp. Centr. America. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (89-91).

Oliarus nn. spp. Central America. **Fowler**, W. W. l.c. (92-95); *O.* nn. spp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (31); *O. leporinus* L., *O. pallens* Germ. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Ornensis septentrionalis Spin., life history. **Swezey**, O. H. Ohio Nat., Columbus, Ohio, **3**, 1903, (354-357, with pl.).

Ornithissus n. gen., Issidae, *O. cockerelli* n. sp. Mexico. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (121, 122).

Pachyntheisa n. gen., Cixiides, *P. concinna*, *P. excelsior* nn. spp. Mexico. **Fowler**, W. W. l.c. (99-100).

Parapioxys nn. spp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (27).

Patara marmorata n. sp. Guatemala. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (79).

Peregrinus n. gen. Asiracinae for *Delphax maidis* Ashm. **Kirkaldy**, G. W. Entomologist, London, **1904**, (175).

Phyma nn. spp. Sumatra. **Schmidt**, E. Stettiner ent. Ztg, **65**, 1904, (196-197, 211).

Platynogomiris, Stellung bei den *Cylaparia*. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13-17).

Plectoderes nn. spp. Central America. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (108-111).

Pochazoides asperatus n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (33).

Proteinissus n. gen. Issidae, *P. bilimeki* n. sp. Mexico. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (121).

Proutista n. nom. for *Assamia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279-280).

Pseudohelicoptera n. gen., *P. nasuta* n. sp. Panama. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (108).

Pseudoryza n. gen. *P. carinulata* n. sp. Sumatra. **Schmidt**, E. Stettiner ent. Ztg., **65**, 1904, (200-201).

Putala apicata n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (29).

Rhamphixius n. gen. *Cixiides*, *R. championi* n. sp. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (81).

Rhinophantia fatua n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (33).

Ricania erlangeri n. sp. Trop. Ostafrika. **Melichar**, L. l.c. (32).

Ricanopsis semihyalina Melichar, Beschreibung. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13-17).

Rudia diluta, *R. bicincta*, and *R.* nn. spp. Central America. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (104-105).

Sahlbergella singularis Haglund, Abbildung. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13-17).

Seliza squamula n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (34).

Southia n. nom. for *Paulia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279-280).

Thanatophantia n. nom. for *Alisea*. **Kirkaldy**, G. W. l.c. (279-280).

Thanatophara n. nom. for *Colonia*. **Kirkaldy**, G. W. l.c. (279-280).

Thionia nn. spp. Mexico. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (123-124).

Ulizes intermedius n. sp. Mexico. **Fowler**, W. W. l.c. (115).

Uxantis taenia n. sp. Sumatra. **Schmidt**, E. Stettiner ent. Ztg, **65**, 1904, (206).

Walkeria melichari n. sp. Sumatra. **Schmidt**, E. l.c. (192).

Xosias n. nom. for *Etoecles*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279-280).

Nosophara n. nom. for *Rhinortha*.
Kirkaldy, G. W. *l.c.* (279-280).

MEMBRACIDAE.

Melichar, L. Analyse der palaearktischen Cikaden aus der Familie *Membracidae* Stål und *Cercopidae* Stål. (Čechisch) Prossnitz, Věstn. Kl. Přírod., 4, 1902, (1-34, mit 1 Taf.).

CERCOPIDAE.

GENERAL.

Melichar, L. Analyse der palaearktischen Cikaden aus der Familie *Membracidae* Stål und *Cercopidae* Stål. (Čechisch). Prossnitz, Věstn. Kl. Přírod., 4, 1902, (1-34, mit 1 Taf.).

SPECIAL.

Aphrophora parallela, protective secretion, habits, etc. **Girault**, A. A. Canad. Ent., Toronto, 36, 1904, (44-48).

Hemipterus n. gen., *H. decurtatus* n. sp. Nordost Afrika. **Jacobi**, A. Zool. Jahrb., Jena, Abt. f. Syst., 19, 1904, (778).

Locris nn. spp. Nordost Afrika. **Jacobi**, A. *l.c.* (772-773).

Ptyelus aethiops n. sp. Nordost Afrika. **Jacobi**, A. *l.c.* (775); *P. spumaris* L. var. *fasciatus* Fabr., faunistisch. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, 2, 1904, (579).

Tomaspis invenusta n. sp. Nordost-Afrika. **Jacobi**, A. Zool. Jahrb., Jena, Abt. f. Syst., 19, 1904, (771).

JASSIDAE.

GENERAL.

Ball, E. D. Food plants of some *Bythoscopidae*. Ohio Nat., Columbus, Ohio, 3, 1903, (397-399).

SPECIAL.

Acocephalus nervosus Schok., faunistisch. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, 2, 1904, (579).

Aconura volgensis Leth., faunistisch. **Horváth**, G. *l.c.* (579).

Alchisme n. nom. for *Triquetra*. **Kirkaldy**, G. W. Entomologist, London, 1904, (279).

Athysanus ignoscens Mel., *A. pallasii* Leth., *A. schenckii* Kb., faunistisch. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, 2, 1904, (579).

Betsileonas n. nom. = *Thaumastus* Stål. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, 22, 1903, (13-17).

Boethoos n. nom. for *Parmula*, **Kirkaldy**, G. W. Entomologist, London, 1904, (279).

Cicadula binotata Sahlb., *C. sexnotata* Fall., *C. sexnotata* Fall. var. *diminuta* Leth., faunistisch. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, 2, 1904, (579); *C. clypeata* n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., 54, 1904, (47); *C. ungate* n. sp. Alaska. **Ashmead**, W. H. Alaska (Harriman Expedition), New York, 8, 1904, (134).

Deltocephalus nn. spp. Alaska. **Ashmead**, W. H. *l.c.* (132); *D.* nn. spp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., 54, 1904, (45-46); *D. collinus* Boh., *D. medius* M. R., *D. striatus* L., faunistisch., *D. stummeri* n. sp. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, 2, 1904, (579); *D. hospes* n. sp. Oahu. **Kirkaldy**, G. W. Entomologist, London, 1904, (177).

Dioclophara n. nom. for *Lucilla*. **Kirkaldy**, G. W. *l.c.* (279).

Etroneus n. nom. for *Anomus*. **Kirkaldy**, G. W. *l.c.* (279).

Eutettix perkinsi n. sp. Oahu. **Kirkaldy**, G. W. *l.c.* (178); *E. quadri-punctatus* n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., 54, 1904, (44).

Gelastogonia n. nom. for *Oxygonia*. **Kirkaldy**, G. W. Entomologist, London, 1904, (279).

Gelastophara n. nom. for *Hypseltropis*. **Kirkaldy**, G. W. *l.c.* (279).

Gnathodus bipunctatus n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., 54, 1904, (47); *G. punctatus* Thunb., faunistisch, var. *lineolatus*

n. var. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578).

Hecalus dubius n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (36).

Hesperophara n. nom. for *Leptophara*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Idiocerus albicans Kb., *I. nobilis* Fieb., *I. pocillus* H.-Sch., faunistisch, *I. almdsji* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579, 588).

Igerna n. nom. = *Pachynus* Stål. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13-17).

Jafar n. nom. = *Setabis* Stål. **Kirkaldy**, G. W. l.c. (13-17)

Jassus sexnotatus, Auftreten im Mai und Juni des Jahres 1901 in der Provinz Posen. **Jungner**, J. R. Landw. Centralbl., Posen, **29**, 1901, (213-215).

Kronides n. nom. for *Argante*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Macropsis serena n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (35).

Mysolis n. nom. for *Norsia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Paliens nn. spp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (40-41).

Paraboloeratus taenionotus n. sp. Jambo. **Jacobi**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (761-782, mit 1 Taf.).

Pediopsis pictipes n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579-589).

Phlepsius nn. spp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (38-40).

Platymetopius niveimarginatus n. sp. Trop. Ostafrika. **Melichar**, L. l.c. (43).

Scaphoideus strigulatus n. sp. Trop. Ostafrika. **Melichar**, L. l.c. (42).

Siva bipunctula n. sp. Trop. Ostafrika. **Melichar**, L. l.c. (38).

Stymphalus? *calliger* n. sp. Trop. Ostafrika. **Melichar**, L. l.c. (37).

Sundarion n. nom. for *Pyrauthe*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Tettigonia viridis L., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579); in Bulgaria. **Malkoff**, K. Zs. Pflanzenkrankh., Stuttgart, **14**, 1904, (40-43).

Tettigoniella n. nom. = *Tettigonia* auct. Nordost Afrika. **Jacobi**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (778).

Thamnotettix haematoceps M. R. var *opaeus* Kb., *T. vittiventris* Leth., faunistisch, *T. macilentus* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Thrasymedes n. nom. for *Phacusa*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Zanophara n. nom. for *Daunus*. **Kirkaldy**, G. W. l.c. (279).

PSYLLIDAE.

Aphalara nn. spp. Alaska. **Ashmead**, W. H. Alaska, (Harriman Expedition), New York, **8**, 1904, (135-136); *A. innocia* Frst., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Psylla alaskensis n. sp. Alaska. **Ashmead**, W. H. Alaska (Harriman Expedition), New York, **8**, 1904, (137); *P. dudai* n. sp. **Šulc**, K. Prag, Čas. České Spol. Entomolog., **1**, 1904, (37-40); *P. glycyrrhizae* Beck., faunistisch; *P. nasuta* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579); *P. mali*. **Theobald**, F. V. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (62-70).

Rhinocola bicolor Scott, faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Trichochermes n. nom. for *Trichopsylla*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

APHIDAE.

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Sanborn, C. E. Kansas *Aphididae*. With catalogue of North American *Aphididae* and host plant and plant-host list. Lawrence, Kan. Univ. Sci. Bull., 3, 1904, ([1]-82, with 22 pls.).

Schouteden, H. Aphiden. (Ergebnisse der Hamburger Magalhaensischen Sammelreise. Lfg 7. No. 7.) Hamburg (L. Friederichsen & Co.), 1904, (6).

Tolf, R. On plant-lice. (Swedish) Sv. Mosskult. Tidskr., Jönköping, 16, 1902, (514-516).

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Callipterus generei n. sp. Kansas. **Sanborn, C. E.** Lawrence, Kan. Univ. Sci. Bull., 3, 1904, ([1]-82, with 22 pls.).

Chaitophorus nn. spp. Kansas. **Sanborn, C. E.** l.c. ([1]-82, with 22 pls.).

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Cladobius beandahensis n. sp. New Mexico. **Cockerell, T. D. A.** Canad. Ent., Toronto, 36, 1904, (263).

Dryaphis n. nom. for *Dryobius*. **Kirkaldy, G. W.** Entomologist, London, 1904, (279).

Dryopeia n. nom. for *Endeis*. **Kirkaldy, G. W.** l.c. (279).

Forda nn. spp. New Mexico. **Cockerell, W. P.** Psyche, Cambridge, Mass., 10, 1903, (216-218).

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Macrosiphum ambrosiae var. **Cockerell, T. D. A.** Canad. Ent., Toronto, 36, 1904, (262); *M. squarrosa* n. sp. Kansas. **Sanborn, C. E.** Lawrence, Kan. Univ. Sci. Bull., 3, 1904, ([1]-82, with 22 pls.); *M. trifolii* n. sp. **Pergande, T.** Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. 44, 1904, (21).

Myzus bicumis n. sp. Kansas. **Sanborn, C. E.** Lawrence, Kan. Univ. Sci. Bull., 3, 1904, ([1]-82, with 22 pls.); *M. michaelsoni* n. sp. **Schouteden, H.** Hamburger Magalhaensische Sammelreise, Lfg 7, No. 7, 1904, (3).

Neectarophora nn. spp. Alaska and Bering Sea. **Pergande, T.** Alaska (Harriman Expedition), New York, 8, 1904, (119-125).

Panaphis n. nom. for *Ptychodes*. **Kirkaldy, G. W.** Entomologist, London, 1904, (279).

Pemphigus burrovi n. sp. Kansas. **Sanborn, C. E.** Lawrence, Kan. Univ. Sci. Bull., 3, 1904, ([1]-82, with 22 pls.); *P. poschingeri*, an Nadelhölzern. **Flemming.** Ber. Vers. sächs. Forstver., Tharandt, 47, 1903, (96-98).

Phylloxera, destruction de l'aëuf d'hiver par le lysol. **Cantin, G.** Paris, C.-R. Acad. sci., 138, 1904, (178-180); *P. neue* Beobachtungen und Versuche, betreffend die Biologie. **Moritz, J.** Zs. Obstbau, Dresden, N.F., 29, 1903, (135-137, 149-150); *P. vastatrix*. **Lipp, J. K.** Strassburg, Monatsber. Ges. Wiss., 38, 1904, (91-141); *P. vastatrix*, Feinde. **Schuster, W.** Ornith. Monatsschr., Gera, 29, 1904, (196-197);

P. vastatrix, in Hessen-Nassau (von 1878 bis 1902). **Schuster**, W. Zool. Garten, Frankfurt a. M., **45**, 1904, (184-186).

Rhopalosiphum acaenae n. sp. **Schouteden**, H. Hamburger Magalhaensische Sammelreise, Lfg. 7, No. 7, 1904, (4).

Schizoneura lanigera, die Blutlaus im Lichte der amerikanischen Forschung. **Richter**, W. A. Prakt. Ratgeber Obstbau, Frankfurt a. O., **17**, 1902, (415-417).

Tychea nn. spp. New Mexico. **Cockerell**, W. P. Psyche, Cambridge, Mass., **10**, 1903, (216-218).

ALEURODIDAE.

Aleyrodes nn. spp. California. **Bemis**, F. E. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1901, (471-537); *A.* nn. spp. Massachusetts. **Morrill**, A. W. Psyche, Cambridge, Mass., **10**, 1903, (80-85, with text fig.); *A.* sp. **Weed**, C. M. and **Conradi**, A. F. Agric. Exp. Sta., New Hampshire, Durham Bull., No. **100**, 1903, (45-52, with fig.); [review] Washington, D.C., U. S. Dept. Agric., Off. Exp. Sta. Rec., **15**, 1903, (59); *A. citri*. **Gossard**, H. A. Agric. Exp. Sta., Florida, Lake City, Bull., No. **67**, 1903, (595-666, with 6 pls., 3 figs.); [review] Washington, D.C., U. S. Dept. Agric., Off. Exp. Sta. Rec., **15**, 1903, (277-278).

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———. *Coccidae*, with notes on collecting and preserving. Knowledge,

London, (N. Ser.), **1**, 1904, (224, 250, 278).

Kirkaldy, G. W. A list of the *Coccidae* of the Hawaiian Islands. Entomologist, London, **1904**, (226-230).

Newstead, R. *Coccidae*. In Annandale, N. Contributions to the terrestrial zoology of the Faeroes. Pt. I. Edinburgh, Proc. R. Physic. Soc., **1902-1904**, (153-160).

Sanders, J. G. The *Coccidae* of Ohio, 1. [Thesis, M.A., Ohio State University.] Contributions from the Department of Zoology and Entomology, No. **18**, in Columbus, Ohio, Acad. Sci., Sp. Papers., No. **8**, (Proceedings of the Ohio State Academy of Science **4**, Pt. 2), 1904, ([25]-80, with pl.).

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Antonina australis n. sp. N. S. Wales. **Green**, E. E. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (463, pl. XVI).

Aspidiotus nn. spp. **Green**, E. E. Vict. Nat., Melbourne, **21**, 1904, (65-69, with 2 pls.); *A. (Pseudaulonidius) circuliginis* n. sp. Java. **Green**, E. E. Ent. Mag., London, **40**, 1904, (208); *A. perniciosus*. China. **Marlatt**, C. L. Pop. Sci. Mon., New York, N.Y., **65**, 1904, (306-317, with text fig.).

Chionaspis angusta n. sp. Victoria. **Green**, E. E. Vict. Nat., Melbourne, **21**, 1904, (65-69, with 2 pls.); *C. formosa* n. sp. N. S. Wales, Victoria. **Green**, E. E. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (462, pl. XVII); *C. gleditsiae* n. sp. Ohio. **Sanders**, J. G. Ohio Nat., Columbus, Ohio, **3**, 1903, (413-414, with text fig.).

Coccus candatus, *C. poterii* Walk., notes. **Green**, E. E. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (373); *C. (Lecanium) hesperidum*. Samoa. **Kellogg**, V. L. Psyche, Cambridge, Mass., **10**, 1903, (187).

Cryptococcus fagi, injuries and remedies. **Newstead**, R. J. Board Agric., London, **11**, 1904, (755-760).

Ctenochiton serratus n. sp. Victoria. **Green**, E. E. Vict. Nat., Melbourne, **21**, 1904, (65-69, with 2 pls.).

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Giard, A. Paris, Bul. soc. ent., 1903,
(232-233); *D. ragabundus* n. sp.
Schilling, H. von. Prakt. Ratgeber
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Ericera pela = *Coccus sinensis* Walk.).
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ducing coccid, life-history. Sasaki, C.
Tokyo, Bull. Coll. Agric., 6, 1904, (1-
14, with pl.).

Eriococcus sordidus n. sp. Victoria.
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1904, (65-69, with 2 pls.).

Eulecanium nn. spp. France.
Cockerell, T. D. A. Psyche, Cambridge,
Mass., 10, 1903, (19-22); *E. curtisi* n.
nom. for *Coccus aceris* Curtis. Kirkaldy,
G. W. Entomologist, London, 1904,
(257).

Hemichionaspis aspidistrae. Samoa.
Kellogg, V. L. Psyche, Cambridge,
Mass., 10, 1903, (187).

Teerya palmeri en Chili, le femelle
adulte. Giard, A. Paris, Bul. soc. ent.,
1902, (314-315).

Lecanium nn. spp. Ceylon. Green,
E. E. Coccidae of Ceylon, Pt. 3.
London, 1904, (187-246); *L. capense*
Walk., redescribed as *Aspidiotus (Aoni-
diella) capensis*. Green, E. E. Ann.
Mag. Nat. Hist., London, (Ser. 7), 14,
1904, (375); *L. expansum* nn. varr.
Green, E. E. Ent. Mag., London, 40,
1904, (206); *L. (Paralecanium) ex-
pansum* var. *metallicum*. Green, E. E.
Ann. Mag. Nat. Hist., London, (Ser. 7),
14, 1904, (377); *L. tenebricophilum* n.
sp. Java. Green, E. E. Ent. Mag.,
London, 40, 1904, (204).

Lepidosaphes cockerelliana n. nom.
for *Mytilaspis albus* Cock. Kirkaldy,
G. W. Entomologist, London, 1904,
(257); *L. corrugata* n. sp. Green, E. E.
Ent. Mag., London, 40, 1904, (209).

Monophlebus stebbingi, natural his-
tory. Stebbing, E. P. London, J.
Linn. Soc., 29, 1904, (142-161, pls.
XVI-XVIII).

Pulvinaria maxima n. sp. Java.
Green, E. E. Ent. Mag., London, 40,
1904, (206).

INCERTAE SEDIS.

Thaumatoxena n. gen., *T. wasmanni* n.
sp., der Vertreter einer neuen Unterord-
nung der Rhynchoten. Breddin, [G.]
und Börner, [C.] Berlin, SitzBer.
Ges. natf. Freunde, 1904, (81-93, mit 1
Taf.).

LIST OF NEW GENERA AND SPECIES.

ACANTHASPIS [Reduviidae].

- *affinis*. Schouteden. 134.
- *breddini*. Varela. 152.
- *porrecta*. Distant. 33.
- *rama*. Distant. 33.
- *sericata*. Distant. 33.
- *siva*. Distant. 33.
- *zebraica*. Distant. 33.

Acanthidiellum n. nom. [Pentatomidae].
Kirkaldy. 73.

ACANTHOCEPHALA [Coreidae].

- *declivis* var. *guianensis*
n. var. Osborn. 101.

ACANTHOSOMA [Pentatomidae].

- *korolkovi*. Jakovlev. 67.

ADELPHOCORIS [Capsidae].

- *funebis*. Reuter. 117.

AESCHINES [Pyrrhocoridae].

- *pyrrhocoroides*. Kirkaldy &
Edwards. 76.

Afraniella n. gen. [Pentatomidae].

- Schouteden. 131.
- *lambareni*. Schouteden.
131.

AGONOSCELIS [Pentatomidae].

- *cognata*. Horváth. 59.
- *versicolor* var. *tibialis* n. var.
Horváth. 59.

Agraptocoris n. gen. [Capsidae]. Reuter.
111.

- *concolor*. Reuter. 111.

Alamprella n. gen. [Pentatomidae].

- Horváth. 59.
- *singularis*. Horváth. 59.

Alchisme n. nom. [Jassidae]. Kirkaldy.
73.

ALCMESE [Reduviidae].

- *maculosa*. Distant. 33.
- *straminipes*. Distant. 33.

- ALEYRODES** [Aleyrodidae].
 ——— *amnicola*. Bemis. 2.
 ——— *diacemus*. Bemis. 2.
 ——— *errans*. Bemis. 2.
 ——— *extraniens*. Bemis. 2.
 ——— *fernaldi*. Morrill. 94.
 ——— *glacialis*. Bemis. 2.
 ——— *hutchingsi*. Bemis. 2.
 ——— *interrogationis*. Bemis. 2.
 ——— *iridescens*. Bemis. 2.
 ——— *kelloggi*. Bemis. 2.
 ——— *madroni*. Bemis. 2.
 ——— *maskelli*. Bemis. 2.
 ——— *merlini*. Bemis. 2.
 ——— *mori*: *maculata* n. subsp.
 Morrill. 94.
 ——— *nigrans*. Bemis. 2.
 ——— *pruinosis*. Bemis. 2.
 ——— *quaintancei*. Bemis. 2.
 ——— *splendens*. Bemis. 2.
 ——— *stanfordi*. Bemis. 2.
 ——— *tentaculatus*. Bemis. 2.
 ——— *wellmanae*. Bemis. 2.
Alloeonycha n. gen. [Capsidae]. Reuter.
 113.
 ——— *mayri*. Reuter. 113.
ALLOEORHYNCHUS [Reduviidae].
 ——— *bengalensis*. Distant. 33.
 ——— *irechthens*. Kirkaldy. 74.
 ——— *putow*. Kirkaldy. 74.
Aloha n. gen. [Fulgoridae]. Kirkaldy.
 71.
 ——— *ipomeae*. Kirkaldy. 71.
Althas n. nom. [Coreidae]. Kirkaldy.
 73.
Amfortas n. nom. [Fulgoridae].
 Kirkaldy. 73.
Amphiarius n. gen. [Anthocoridae].
 Distant. 29.
ANACA [Pentatomidae].
 ——— *punctiventris*. Breddin. 12.
ANAPUS [Capsidae].
 ——— *flavicornis*. Reuter. 113.
 ——— *pectoralis*. Horváth. 61.
ANGAMIANA [Cicadidae].
 ——— *floridula*. Distant. 29.
Angerianus n. gen. [Capsidae]. Dis-
 tant. 33.
 ——— *fractus*. Distant. 33.
 ——— *manrus*. Distant. 33.
Anniessa n. gen. [Capsidae]. Kirkaldy.
 75.
 ——— *chlaumacha*. Kirkaldy. 75.
Anorygma n. subgen. [Lygaeidae].
 Horváth. 58.
- ANOTIA** [Fulgoridae].
 ——— *invalida*. Fowler. 40.
 ——— *marginicornis*. Fowler. 40.
 ——— *pellucida*. Fowler. 40.
 ——— *ruficollis*. Fowler. 40.
 ——— *smithi*. Fowler. 40.
 ——— *tenella*. Fowler. 40.
 ——— *venustula*. Fowler. 40.
Antankaria n. gen. [Cicadidae]. Dis-
 tant. 29.
ANTESTIA [Pentatomidae].
 ——— *gibba*. Breddin. 12.
Antilocoris n. nom. [Pyrrhocoridae].
 Kirkaldy. 73.
ANTONINA [Coccidae].
 ——— *australis*. Green. 48.
APHALARA [Psyllidae].
 ——— *alaskensis*. Ashmead. 1.
 ——— *kineaidi*. Ashmead. 1.
 ——— *schwarzi*. Ashmead. 1.
APHANTUS [Lygaeidae].
 ——— *atomarius*. Distant. 29.
APHIS [Aphidae].
 ——— *aubletia*. Sanborn. 122.
 ——— *ribis*. Sanborn. 122.
Araspus n. gen. [Capsidae]. Distant.
 29.
ARCESIUS [Reduviidae].
 ——— *fuscus*. Distant. 33.
Arculanus n. gen. [Capsidae]. Distant.
 29.
 ——— *marshalli*. Distant. 29.
Argenis n. gen. [Capsidae]. Distant.
 29.
 ——— *alboviridescens*. Distant.
 33.
ARGOLIS [Reduviidae].
 ——— *bergrothi*. Schouteden. 134.
 ——— *proxima*. Schouteden. 134.
Armachanus n. gen. [Capsidae]. Dis-
 tant. 33.
 ——— *monoceros*. Distant. 33.
 ——— *spicatus*. Distant. 29.
Arnulphus n. gen. [Anthocoridae].
 Distant. 29.
 ——— *aterrimus*. Distant. 29.
Arunta n. gen. [Cicadidae]. Distant.
 29.
ASPIDEURUS [Pentatomidae].
 ——— *metallicus*. Breddin. 12.
ASPIDIOTUS [Coccidae].
 ——— *cureuliginis*. Green. 50.
 ——— *immaculatus*. Green. 52.
 ——— *subfervens*. Green. 52.

- ASPONGOPUS** [Pentatomidae]
 ——— *ephippiatus*. Bergroth. 134.
- ASTENNA** [Pyrrhocoridae].
 ——— *sappho*. Kirkaldy & Edwards. 76.
- Atelias** n. nom. [Pentatomidae]. Kirkaldy. 73.
- ATELIDES** [Pentatomidae].
 ——— *sumatranus*. Breddin. 12.
- ATOMOPHORA** [Capsidae].
 ——— *alborittata*. Reuter. 111.
 ——— *maculosa*. Reuter. 111.
 ——— *oculata*. Reuter. 111.
 ——— *suturalis*. Reuter. 111.
- Audernacus** n. gen. [Reduviidae]. Distant. 33.
 ——— *andamanensis*. Distant. 33.
- Bartacus** n. gen. [Reduviidae]. Distant. 33.
- BASICRYPTUS** [Pentatomidae].
 ——— *nigromaculatus*. Schouteden. 131.
- BATHYCOELIA** [Pentatomidae].
 ——— *malachitica*. Horváth. 59.
 ——— *nesophila*. Horváth. 59.
- Bayerus** n. gen. [Reduviidae]. Distant. 33.
 ——— *cuneatus*. Distant. 33.
- Bergias** n. nom. [Fulgoridae]. Kirkaldy. 73.
- Bergthora** n. nom. [Pentatomidae]. Kirkaldy. 73.
- Bertsa** n. nom. [Capsidae]. Kirkaldy. 73.
- Betsileonas** n. nom. [Jassidae]. Kirkaldy. 75.
- Bilia** n. gen. [Capsidae]. Distant. 33.
 ——— *fracta*. Distant. 33.
- Boethoos** n. nom. [Jassidae]. Kirkaldy. 73.
- BOTHRIOCERA** [Fulgoridae].
 ——— *albidipennis*. Fowler. 40.
 ——— *exelsa*. Fowler. 40.
 ——— *nigra*. Fowler. 40.
 ——— *pellucida*. Fowler. 40.
 ——— *venosa*. Fowler. 40.
- Bothriocerodes** n. gen. [Fulgoridae]. Fowler. 40.
 ——— *castaneus*. Fowler. 40.
 ——— *metallicus*. Fowler. 40.
 ——— *variegatus*. Fowler. 40.
- BOTHRIOMIRIS** [Capsidae].
 ——— *testaceus*. Distant. 33.
- Botocudo** n. nom. [Pyrrhocoridae]. Kirkaldy. 73.
- BRACHYAU'LAX** [Pentatomidae].
 ——— *oblonga* var. *splendens* n. var. Schouteden. 132.
- Brachyphyma** n. gen. [Lygaeidae]. Horváth. 58.
 ——— *argutum*. Horváth. 58.
 ——— *ochraceum*. Horváth. 58.
 ——— *papuense*. Horváth. 58.
- BRACHYSTETHUS** [Pentatomidae].
 ——— *coxalis*. Breddin. 8.
- Brassivola** n. gen. [Reduviidae]. Distant. 33.
 ——— *hystrix*. Distant. 33.
- Breddiniessa** n. nom. [Capsidae]. Kirkaldy. 75.
- Brontostoma** n. nom. [Reduviidae]. Kirkaldy. 73.
- Burma** n. nom. [Pentatomidae]. Kirkaldy. 73.
- BYTHOPSYRNA** [Fulgoridae].
 ——— *dohrn*. Schmidt. 130.
 ——— *sumatrana*. Schmidt. 130.
 ——— *udei*. Schmidt. 130.
 ——— *violacea*. Schmidt. 130.
- Cacama** n. gen. [Cicadidae]. Distant. 29.
- CAENOCORIS** [Pyrrhocoridae].
 ——— *dudgeoni*. Kirkaldy. 75.
- CALISCCELIS** [Fulgoridae].
 ——— *bolivari*. Horváth. 60.
 ——— *maroccana*. Horváth. 60.
 ——— *peculiaris*. Horváth. 60.
- Callicratides** n. gen. [Capsidae]. Distant. 33.
- CALLIPTERUS** [Aphidae].
 ——— *genevei*. Sanborn. 122.
- Calliseidus** n. gen. [Lygaeidae]. Horváth. 58.
 ——— *nigricollis*. Horváth. 58.
- CALOCORIS** [Capsidae].
 ——— *dohertyi*. Distant. 33.
- CAMPTOBROCHIS** [Capsidae].
 ——— *brevis*. Uhler. 151.
 ——— *capensis*. Distant. 29.
 ——— *esau*. Distant. 29.
 ——— *lutulentus*. Distant. 33.
 ——— *oculatus*. Reuter. 112.
 ——— *orientalis*. Distant. 33.
 ——— *signatus*. Distant. 29.
 ——— *similis*. Distant. 33.
 ——— *uniformis*. Distant. 33.

- CAMPYLOGNATHUS** [Capsidae].
 ——— *fulvus*. Reuter. 113.
- Campylotropis** n. gen. [Capsidae].
 Reuter. 117.
 ——— *jakovlevi*. Reuter. 117.
- CANTHECONA** [Pentatomidae].
 ——— *distanti*. Schouteden. 131.
- Capellanus** n. gen. [Capsidae]. Distant.
 29.
- CAPSUS** [Capsidae].
 ——— *croesus*. Distant. 33.
 ——— *darius*. Distant. 33.
 ——— *pegasus*. Distant. 33.
 ——— *remus*. Distant. 33.
- CARBULA** [Pentatomidae].
 ——— *teretipes*. Horváth. 59.
- CARLISIS** [Coreidae].
 ——— *serrabilis*. Distant. 29.
- CAURA** [Pentatomidae].
 ——— *excelsa* var. *limbata* n. var.
 Horváth. 59.
 ——— *insignis*. Schouteden. 134.
- Cedusa** n. gen. [Fulgoridae]. Fowler.
 40.
 ——— *funesta*. Fowler. 40.
 ——— *venosa*. Fowler. 40.
- CENTRASPIIS** [Reduviidae].
 ——— *insignis*. Schouteden. 134.
- CENTROCNEMIS** [Reduviidae].
 ——— *dearmata*. Distant. 33.
- CERATOCOMBUS** [Ceratocombidae].
 ——— *latipennis*. Uhler. 151.
 ——— *niger*. Uhler. 151.
- CERCOTMETES** [Nepidae].
 ——— *fumosus*. Distant. 32.
- CERYNIA** [Fulgoridae].
 ——— *nigropustulata*. Schmidt.
 130.
- CHAITOPHORUS** [Aphidae].
 ——— *flabellus*. Sanborn. 122.
 ——— *stevensis*. Sanborn. 122.
- Chamus** n. gen. [Capsidae]. Distant.
 29.
 ——— *wealei*. Distant. 29.
- CHARAGOCHEILUS** [Capsidae].
 ——— *nigricornis*. Reuter. 112.
- Charitocoris** n. gen. [Capsidae]. Reuter.
 116.
 ——— *pallidus*. Reuter. 116.
- CHAULIOPS** [Lygaeidae].
 ——— *rutherfordi*. Distant. 32.
- CHELYSOMA** [Pentatomidae].
 ——— *glirina*. Bergroth. 7.
- CHILOCORIS** [Pentatomidae].
 ——— *assmuthi*. Breddin. 19.
 ——— *solenopsidis*. Breddin. 10.
- CHIONASPIS** [Coccidae].
 ——— *augusta*. Green. 52.
 ——— *formosa*. Green. 48.
 ——— *gleditsiae*. Sanders. 124.
- CHIPATULA** [Pentatomidae].
 ——— *agilis*. Schouteden. 131.
- Chlorosomella** n. gen. [Capsidae].
 Reuter. 112.
 ——— *geniculata*. Reuter. 112.
- CICADA** [Cicadidae].
 ——— *andrewsi*. Distant. 29.
 ——— *boliriana*. Distant. 29.
 ——— *graminea*. Distant. 29.
 ——— *hieroglyphica*. Goding and
 Froggatt. 46.
 ——— *nigrans*. Distant. 28.
 ——— *sylvanella*. Goding and
 Froggatt. 46.
 ——— *umbrosa*. Distant. 29.
 ——— *vesta*. Distant. 28.
- CICADULA** [Jassidae].
 ——— *clypeata*. Melichar. 88.
 ——— *ungae*. Ashmead. 1.
- CIXIUS** [Fulgoridae].
 ——— *apicatus*. Fowler. 40.
 ——— *comptus*. Fowler. 40.
 ——— *flavobrunneus*. Fowler. 40.
 ——— *montanus*. Fowler. 40.
- CLADOBIUS** [Aphidae].
 ——— *beaulahensis*. Cockerell.
 24.
- Clapmarius** n. gen. [Capsidae]. Distant.
 33.
 ——— *turgidus*. Distant. 33.
- CLIVINEMA** [Capsidae].
 ——— *rubida*. Uhler. 151.
- COCALUS** [Pentatomidae].
 ——— *assimilis*. Horváth. 59.
- Colgorma** n. nom. [Fulgoridae].
 Kirkaldy. 73.
- COLOBASIASTES** [Lygaeidae].
 ——— *longicornis*. Horváth. 58.
 ——— *obscurus*. Horváth. 58.
 ——— *rufiventris*. Horváth. 58.
 ——— var. *thoracicus*
 n. var. Horváth. 58.
 ——— *similis*. Horváth. 58.
- COLOBATHRISTES** [Lygaeidae].
 ——— *egregius*. Horváth. 58.
 ——— *factus*. Horváth. 58.

- Combatus** n. gen. [Capsidae]. Distant.
33.
—— *noritius*. Distant. 33.
- Copsyra** [Fulgoridae].
—— *alma*. Schmidt. 130.
- Coquerelia** [Pentatomidae].
—— *centralis*. Horváth. 59.
- Coranus** [Reduviidae].
—— *mongolicus*. Jakovlev. 65.
- Coromeris** [Coreidae].
—— *integerrimus*. Jakovlev. 67.
—— *validicornis*. Jakovlev. 67.
- Corixa** [Corixidae].
—— *acromelaena*. Horváth. 61.
- Corythuca** [Tingidae].
—— *areolata*; *crataegi* n. subsp.
Morrill. 95.
- Cosmopsaltria** [Cicadidae].
—— *khadiga*. Distant. 28.
- Crescentius** n. gen. [Ceratocombidae].
Distant. 33.
—— *principatus*. Distant. 33.
- Cryptotympana** [Cicadidae].
—— *holsti*. Distant. 29.
—— *varicolor*. Distant. 29.
- Ctenochiton** [Coccidae].
—— *serratus*. Green. 52.
- Cyclumna** n. gen. [Fulgoridae]. Fowler.
40.
—— *subrotundata*. Fowler. 10.
- Cyphodema** [Capsidae].
—— *junodi*. Distant. 29.
- Cystopsaltria** n. gen. [Cicadidae].
Goding and Froggatt. 46.
—— *immaculata*. Goding and
Froggatt. 46.
- Dactylopius** [Coccidae].
—— *vagabundus*. Schilling. 129.
- Dagbertus** n. gen. [Capsidae]. Distant.
29.
- Dalcantia** [Pentatomidae].
—— *alata*. Breddin. 12.
—— *angularis*. Breddin. 12.
- Dalpada** [Pentatomidae].
—— *perelegans*. Breddin. 12.
- Dalsira** [Pentatomidae].
—— *brunni*. Schouteden. 131.
- Damellera** n. nom. [Pentatomidae].
Kirkaldy. 73.
- Dandinus** n. gen. [Pentatomidae].
Distant. 29.
—— *crassus*. Distant. 29.
- Delphax** [Fulgoridae].
—— *conspicuus*. Horváth. 61.
- Deltocephalus** [Jassidae].
—— *ageratus*. Melichar. 88.
—— *coronatus*. Melichar. 88.
—— *cransi*. Ashmead. 1.
—— *harrimani*. Ashmead. 1.
—— *hospes*. Kirkaldy. 71.
—— *stummeri*. Horváth. 61.
- Dendrophora** [Fulgoridae].
—— *breviceps*. Melichar. 88.
- Deracocoris** [Capsidae].
—— *ornandus*. Distant. 33.
—— *rufus*. Distant. 33.
—— *variabilis*. Distant. 33.
- Dersagrena** n. nom. [Coreidae]. Kir-
kaldy. 73.
- Diascopoea** n. gen. [Lygaeidae].
Horváth. 58.
—— *debilis*. Horváth. 58.
—— *discessa*. Horváth. 58.
- Dichroscytus** [Capsidae].
—— *consobrinus*. Horváth. 61.
—— *elegans*. Uhler. 151.
- Dictyophora** [Fulgoridae].
—— *ogadensis*. Melichar. 88.
—— *ufudensis*. Melichar. 88.
- Diethies** [Lygaeidae].
—— *consanguineus*. Distant. 29.
—— *scutellatus*. Distant. 29.
- Dindymus** [Pyrrhocoridae].
—— *azalais*. Kirkaldy and
Edwards. 76.
—— *thioneus*. Kirkaldy and
Edwards. 76.
- Dioclophara** n. nom. [Jassidae].
Kirkaldy. 73.
- Diognetus** n. gen. [Capsidae]. Distant.
33.
—— *intonus*. Distant. 33.
- Disphinctus** [Capsidae].
—— *elegans*. Distant. 33.
- Dithmarus** n. gen. [Reduviidae]. Distant.
29.
—— *atromaculatus*. Distant. 29.
- Dodonaeus** n. gen. [Reduviidae].
Distant. 33.
—— *humeralis*. Distant. 33.
- Dolichisme** n. nom. [Pentatomidae].
Kirkaldy. 73.
- Dolycoris** [Pentatomidae].
—— *penicillatus*. Horváth. 61.

Dryaphis n. nom. [Aphidae]. Kirkaldy.
73.

Dryoidea n. nom. [Aphidae]. Kirkaldy.
73.

DURGANDA [Reduviidae].
——— *fulvescens*. Distant. 33.

DYSTUS [Pentatomidae].
——— *villosus*. Breddin. 8.

ECTATOPS [Pyrrhocoridae].
——— *gelanor*. Kirkaldy and
Edwards. 76.
——— *saturnides*. Kirkaldy and
Edwards. 76.

ECTOMOCORIS [Reduviidae].
——— *tibialis*. Distant. 33.
——— *vishnu*. Distant. 33.

EDESSA [Pentatomidae].
——— *boernerii*. Breddin. 13.
——— *boopis*. Breddin. 13.
——— *brachyacantha*. Breddin. 13.
——— *capito*. Breddin. 13.
——— *cogitabunda*. Breddin. 13.
——— *haedulus*. Breddin. 8.
——— *handlirshi*. Breddin. 13.
——— *heymonsii*. Breddin. 13.
——— *hirculus*. Breddin. 8.
——— *leprosula*. Breddin. 13.
——— *leptacantha*. Breddin. 13.
——— *pachyacantha*. Breddin. 13.
——— *perscita*. Breddin. 13.
——— *schirmeri*. Breddin. 13.
——— *verhoeffi*. Breddin. 13.
——— *vernica*. Breddin. 8.

EDOCIA [Reduviidae].
——— *pelia*. Distant. 33.

Elachisme n. nom. [Coreidae]. Kirkaldy.
73.

Elaphocranus n. gen. [Reduviidae].
Bergroth. 5.
——— *tarandus*. Bergroth. 5.

EMBLETHIS [Lygaeidae].
——— *brevicornis*. Horváth. 61.
——— *luridus*. Jakovlev. 65.

ENDOCHUS [Reduviidae].
——— *atricapillus*. Distant. 33.
——— *cinnamopterus*. Distant. 29.
——— *straminipes*. Distant. 29.
——— *umbrinus*. Distant. 33.

Eparmene n. gen. [Fulgoridae]. Fowler.
40.
——— *pulchella*. Fowler. 40.

EPIDAUS [Reduviidae].
——— *atrispinus*. Distant. 33.

ERIOCOCCUS [Coccidae].
——— *sordidus*. Green. 52.

Eriximachus n. gen. [Reduviidae].
Distant. 33.
——— *globus*. Distant. 33.

ERTHESIA [Pentatomidae].
——— *distanti*. Schouteden. 134.

Estuidus n. gen. [Capsidae]. Distant.
29.
——— *forcatus*. Distant. 29.
——— *marginatus*. Distant. 29.

Eteoneus n. nom. [Jassidae]. Kirkaldy.
73.

Euaenaria n. gen. [Pentatomidae].
Breddin. 12.
——— *juncunda*. Breddin. 12.

EUCEROCORIS [Capsidae].
——— *suspectus*. Distant. 29.

EULECANIUM [Coccidae].
——— *albi* var. *rufulum* n. var.
Cockerell. 21.
——— *curtisi* n. nom. Kirkaldy.
73.
——— *generense* var. *marchali* n.
var. Cockerell. 21.
——— *magnoliarum* var. *hortensiae*
n. var. Cockerell. 21.

EUMECOPUS [Pentatomidae].
——— *abdominalis*. Distant. 29.
——— *pallescent*. Distant. 29.

Eupododus n. nom. [Pentatomidae].
Kirkaldy. 73.

EURINOME [Pentatomidae].
——— *armata*. Breddin. 12.

EUROSTUS [Pentatomidae].
——— *heros*. Breddin. 12.

EURYOPHTHALMUS [Pyrrhocoridae].
——— *lexias*. Kirkaldy and
Edwards. 76.
——— *meganira*. Kirkaldy and
Edwards. 76.
——— *saturnides*. Kirkaldy and
Edwards. 76.

EUSARCORIS [Pentatomidae].
——— *gibbosus*. Jakovlev. 65.
——— *v-flavum*. Horváth. 59.

EUSTHENES [Pentatomidae].
——— *diomedes*. Breddin. 12.

EUTETTIX [Jassidae].
——— *perkinsi*. Kirkaldy. 71.
——— *quadripunctatus*. Melichar.
88.

- Euonymus** n. gen. [Reduviidae].
Distant, 33.
——— *spiniceps*. Distant, 33.
- EXITHEMUS** [Pentatomidae].
——— *mansonius*. Breddin, 12.
- Felisacus** n. nom. [Capsidae]. Distant, 33.
——— *magnificus*. Distant, 33.
- Fingulus** n. gen. [Capsidae]. Distant, 29.
——— *atrocoeruleus*. Distant, 29.
- Florichisme** n. nom. [Fulgoridae].
Kirkaldy, 73.
- Fokkeria** n. gen. [Pentatomidae].
Schouteden, 132.
——— *crassa*. Schouteden, 132.
- FORDA** [Aphidae].
——— *interjecti*. Cockerell, 25.
——— *kingii*. Cockerell, 25.
- Fulgentius** n. gen. [Capsidae]. Distant, 29.
——— *mandarinus*. Distant, 29.
- GALEACTIUS** [Pentatomidae].
——— *martini*. Schouteden, 132.
- Gallobelicus** n. gen. [Capsidae]. Distant, 33.
——— *crassicornis*. Distant, 33.
- Gastroxys** n. gen. [Pentatomidae].
Horváth, 59.
——— *funerea*. Horváth, 59.
- Gelastogonia** n. nom. [Jassidae].
Kirkaldy, 73.
- Gelastophantia** n. nom. [Fulgoridae].
Kirkaldy, 73.
- Gelastophara** n. nom. [Jassidae].
Kirkaldy, 73.
- Gelastyra** n. nom. [Fulgoridae].
Kirkaldy, 73.
- Gelchossa** n. nom. [Tingidae]. Kirkaldy, 73.
- GEOCORIS** [Lygaeidae].
——— *chinensis*. Jakovlev, 66.
——— *elongatulus*. Distant, 29.
- GEOMORPHA** [Pentatomidae].
——— *junodi*. Distant, 29.
- GERMALES** [Lygaeidae].
——— *lineolus*. Distant, 29.
- GERRIS** [Hydrometridae].
——— *thoracicus* var. *rapidus* n. var.
Horváth, 61.
- Gismunda** n. gen. [Capsidae]. Distant, 33.
——— *chelonia*. Distant, 33.
- Glaucopsaltria** n. gen. [Cicadidae].
Goding and Froggatt, 46.
——— *viridis*. Goding and Froggatt, 46.
- GLOBICEPS** [Capsidae].
——— *parvulus*. Reuter, 118.
- GLOSSOPELTA** [Phymatidae].
——— *dudgeoni*. Distant, 32.
- GLYPsus** [Pentatomidae].
——— *bourieri*. Schouteden, 131.
——— *carinulatus*. Bergroth, 6.
——— *kuddigazi*. Schouteden, 131.
- GNATHOCOMUS** [Pentatomidae].
——— *elongatus*. Distant, 29.
- GNATHODUS** [Jassidae].
——— *bipunctatus*. Melichar, 88.
——— *punctatus* var. *lineolatus*
n. var. Horváth, 61.
- Godefridus** n. gen. [Reduviidae].
Distant, 33.
——— *alienus*. Distant, 33.
- GONOPSIS** [Pentatomidae].
——— *tonkinensis*. Breddin, 12.
- Grimgerda** n. nom. [Pentatomidae].
Kirkaldy, 73.
- Gueriniellus** n. nom. [Pentatomidae].
Kirkaldy, 73.
- Guisardus** n. gen. [Capsidae]. Distant, 33.
——— *pellucidus*. Distant, 33.
- Haeckelia** n. nom. [Coreidae].
Kirkaldy, 73.
- HALTICUS** [Capsidae].
——— *chrysolepis*. Kirkaldy, 71.
——— *intermedius*. Uhler, 151.
- Hamadryaphis** n. nom. [Aphidae].
Kirkaldy, 73.
- Hamza** n. gen. [Cicadidae]. Distant, 28.
- Haplaxius** n. gen. [Fulgoridae]. Fowler, 40.
——— *frontalis*. Fowler, 40.
——— *lucis*. Fowler, 40.
- HARPACTOR** [Reduviidae].
——— *femoralis*. Distant, 29.
——— *geniculatus*. Jakovlev, 65.
——— *squalus*. Distant, 33.
- Harpedona** n. gen. [Capsidae]. Distant, 33.
——— *marginata*. Distant, 33.

Hathor n. gen. [Capsidae]. Kirkaldy and Edwards. 76.
 ——— *zoraida*. Kirkaldy and Edwards. 76.
HAVINTHUS [Reduviidae].
 ——— *trochanterus*. Distant. 29.
HECALUS [Jassidae].
 ——— *dubius*. Melichar. 88.
HELIPTERA [Fulgoridae].
 ——— *chiriquensis*. Fowler. 40.
 ——— *longieeps*. Fowler. 40.
 ——— *sobrina*. Fowler. 40.
 ——— ——— var. *albila* n.
 var. Fowler. 40.
 ——— *variegata* n. var. Fowler. 40.
HELOPELTIS [Capsidae].
 ——— *oryx*. Distant. 33.
Hemipterus n. gen. [Cercopidae].
 Jacobi. 63.
 ——— *decurtatus*. Jacobi. 63.
HENICOCEPHALUS [Heniocephalidae].
 ——— *braunsii*. Bergroth. 3.
 ——— *pugnatorius*. Distant. 32.
HENICOPSALTRIA [Cicadidae].
 ——— *pygmaea*. Distant. 29.
HENRICOHANXIA [Reduviidae].
 ——— *gallus*. Distant. 33.
Heremon n. nom. [Fulgoridae].
 Kirkaldy. 75.
HERMILLUS [Reduviidae].
 ——— *rufipes*. Schouteden. 134.
Hermotinus n. gen. [Capsidae]. Distant. 33.
 ——— *signatus*. Distant. 33.
Hesperophantia n. nom. [Fulgoridae].
 Kirkaldy. 73.
Hesperophara n. nom. [Jassidae].
 Kirkaldy. 73.
HORCIAS [Capsidae].
 ——— *albiventris*. Distant. 29.
 ——— *lacteiclavus*. Distant. 29.
 ——— *signatus*. Distant. 29.
Hyadalphis n. nom. [Aphidae].
 Kirkaldy. 73.
HYALOPEPLUS [Capsidae].
 ——— *spinosus*. Distant. 33.
Hypereides n. nom. [Capsidae].
 Kirkaldy. 75.
Hyphancyclus n. gen. [Fulgoridae].
 Fowler. 40.
 ——— *ereclusus*. Fowler. 40.
 ——— *falcatus*. Fowler. 40.

HYPSELOXOTUS [Coreidae].
 ——— *fuscus*. Osborn. 111.
HYSTEROPTERUM [Fulgoridae].
 ——— *angulare*. Fowler. 40.
 ——— *montanum*. Fowler. 40.
 ——— *sierrae*. Fowler. 40.
IDIOCERUS [Jassidae].
 ——— *almásyi*. Horváth. 61.
Igerna n. nom. [Jassidae]. Kirkaldy. 71.
Ioba n. gen. [Cicadidae]. Distant. 29.
Indra n. gen. [Pyrrhocoridae]. Kirkaldy and Edwards. 76.
 ——— *philarete*. Kirkaldy and Edwards. 76.
Ipthiarusa n. gen. [Pentatomidae].
 Breddin. 12.
 ——— *aratrix*. Breddin. 12.
IRANTHA [Reduviidae].
 ——— *consobrina*. Distant. 33.
IROCHROTUS [Pentatomidae].
 ——— *indicus*. Schouteden. 132.
Isachisme n. nom. [Reduviidae].
 Kirkaldy. 73.
ISOMETOPUS [Capsidae].
 ——— *feanus*. Distant. 33.
Jafar n. nom. [Jassidae]. Kirkaldy. 75.
Kalania n. nom. [Capsidae]. Kirkaldy. 73.
KANAKIA [Cicadidae].
 ——— *congrua*. Goding and Froggatt. 46.
Kareol n. nom. [Fulgoridae]. Kirkaldy. 73.
Kennetus n. gen. [Coreidae]. Distant. 30.
 ——— *alces*. Distant. 30.
Koma n. gen. [Cicadidae]. Distant. 29.
Kongota n. gen. [Cicadidae]. Distant. 29.
Kronides n. nom. [Jassidae]. Kirkaldy. 73.
Laccophorella n. gen. [Pentatomidae].
 Horváth. 59.
 ——— *bornemiszae*. Horváth. 59.
LACOTREPHES [Nepidae].
 ——— *calcar*. Distant. 29.
 ——— *nyasae*. Distant. 29.
LAEMOCORIS [Capsidae].
 ——— *zarudnyi*. Reuter. 116.
Laodamia n. nom. [Capsidae]. Kirkaldy. 75.

- LECANIUM** [Coccidae].
 — *arundinariae*, Green. 51.
 — *bivertiatum*, Green. 51.
 — *calophylli*, Green. 51.
 — *capparidis*, Green. 51.
 — *discrepans*, Green. 51.
 — *expansum* var. *metallicum*
 n. var. Green. 50.
 var. *javanicum*
 n. var. Green. 50.
 var. *rotundum*,
 n. var. Green. 50.
 — *frontale*, Green. 51.
 — *maritimum*, Green. 51.
 — *marsupiale*, Green. 51.
 — *paradenitense*, Green. 51.
 — *psidii*, Green. 51.
 — *punctuliferum*, Green. 51.
 — *signiferum*, Green. 51.
 — *subtessellatum*, Green. 51.
 — *tenebricophilum*, Green. 50.
 — *zonatum*, Green. 51.

Leotichius n. gen. [Saldidae]. Distant.
 33.
 — *glaucoptis*, Distant. 33.

LEPIDOSAPHES [Coccidae].
 — *cockerelliana* n. nom.
 Kirkaldy. 73.
 — *corrugata*, Green. 50.

LEPTOLOEUS [Pentatomidae].
 — *eburneatus* var. *thoracicus*
 n. var. Schouteden. 134.

Libavius n. gen. [Reduviidae]. Distant.
 29.
 — *greeni*, Distant. 33.

LINCEUS [Pentatomidae].
 — *dentiger*, Breddin. 8.
 — *securiger*, Breddin. 8.

Linshcosteus n. gen. [Reduviidae].
 Distant. 33.
 — *carنيفex*, Distant. 33.

LIOCORIS [Capsidae].
 — *formosus*, Distant. 33.
 — *mytillic*, Distant. 33.

Liodermion n. nom. [Pentatomidae].
 Kirkaldy. 73.

Lippomanus n. gen. [Anthocoridae].
 Distant. 29.
 — *hirsutus*, Distant. 29.

LISARDA [Reduviidae].
 — *rarelae*, Bergroth. 5.

Lissocapsus n. gen. [Capsidae]. Bergroth.
 3.
 — *wasmani*, Bergroth. 3.

Lobopelta n. gen. [Pentatomidae].
 Schouteden. 131.
 — *funebri*, Schouteden. 131.

LOBOTHYREUS [Pentatomidae].
 — *brasiliensis*, Schouteden.
 132.

LOCNIS [Cercopidae].
 — *amauroptera*, Jacobi. 63.
 — *neumanni*, Jacobi. 63.
 — *restigans*, Jacobi. 63.

Lorichius n. gen. [Reduviidae]. Distant.
 33.
 — *umbonatus*, Distant. 33.

Lucitanus n. gen. [Capsidae]. Distant.
 33.

LYCAMBES [Coreidae].
 — *sargi*, Breddin. 9.

LYGAEUS [Lygaeidae].
 — *sulcatus*, Osborn. 111.

LYGUS [Capsidae].
 — *aethiops* n. nom. Distant 29.
 — *albescens*, Distant. 33.
 — *australis* n. nom. Distant. 29.
 — *catullus*, Distant. 33.
 — *decoloratus*, Distant. 33.
 — *flavoscutellatus*, Distant. 29.
 — *immitis*, Distant. 33.
 — *pubens*, Distant. 33.
 — *schomlandi*, Distant. 29.
 — *sordidus*, Distant. 33.

Mabelia n. gen. [Capsidae]. Kirkaldy.
 75.
 — *pulcherrima*, Kirkaldy. 75.

Macgregorius n. gen. [Capsidae].
 Kirkaldy. 75.
 — *regalis*, Kirkaldy. 75.

MACROCORIS [Nepidae].
 — *transvaalensis*, Distant. 31.

MACROPSIS [Jassidae].
 — *serena*, Melichar. 88.

MACROSCYTUS [Pentatomidae].
 — *inermipes*, Horváth. 59.

MACROSIPIUM [Aphidae].
 — *squarrosa*, Sanborn. 122.
 — *trifolii*, Pergande. 103.

MACROTRISTRIA [Cicadidae].
 — *nigrovenosa*, Distant. 29.
 — *nigrosignata*, Distant. 28.

Maecenas n. nom. [Tingidae]. Kirkaldy.
 73.

Malalasta n. gen. [Capsidae]. Distant.

33.

———— *superba*. Distant. 33.

Malgassus [Pentatomidae].

———— *exiguus*. Horváth. 59.

Malthacosoma [Capsidae].

———— *adpersum*. Reuter. 113.

Marachisme n. nom. [Coreidae]. Kirkaldy. 73.

Marbodus n. gen. [Reduviidae]. Distant.

33.

———— *exemplificatus*. Distant. 33.

Matenesius n. gen. [Capsidae]. Distant.

33.

———— *marginatus*. Distant. 33.

Maurodactylus [Capsidae].

———— *albidus* var. *pallidicornis* n. var. Horváth. 61.

Megacoelum [Capsidae].

———— *hampsoni*. Distant. 33.

———— *modestum*. Distant. 29.

———— *picturatum*. Distant. 33.

———— *relatum*. Distant. 33.

———— *rubricatum*. Distant. 33.

———— *suffusum*. Distant. 29.

———— *transvaalensis*. Distant. 29.

Megadoeum [Pentatomidae].

———— *obliquum*. Bergroth. 4.

Megaloceraea [Capsidae].

———— *anthennata*. Distant. 33.

———— *doddi*. Distant. 29.

———— *dohertyi*. Distant. 33.

———— *elongata*. Distant. 33.

———— *graminea*. Distant. 33.

Megalocoleus [Capsidae].

———— *albidus*. Reuter. 111.

Megamelus [Fulgoridae].

———— *leahi*. Kirkaldy. 71.

Melanopodius [Pentatomidae].

———— *westroodi*. Schouteden. 134.

Melampsalta [Cicadidae].

———— *atrata*. Goding and Froggatt. 46.

———— *binotata*. Goding and Froggatt. 46.

———— *castanea*. Goding and Froggatt. 46.

———— *flava*. Goding and Froggatt. 46.

———— *fletcheri*. Goding and Froggatt. 46.

———— *fulva*. Goding and Froggatt. 46.

———— *graminis*. Goding and Froggatt. 46.

Melampsalta [Cicadidae].

———— *infuscata*. Goding and Froggatt. 46.

———— *kershawi*. Goding and Froggatt. 46.

———— *nebulosa*. Goding and Froggatt. 46.

———— *rubea*. Goding and Froggatt. 46.

———— *rubristrigata*. Goding and Froggatt. 46.

———— *spinosa*. Goding and Froggatt. 46.

———— *spreti*. Goding and Froggatt. 46.

———— *tristrigata*. Goding and Froggatt. 46.

Melanodermus [Pentatomidae].

———— *dilutipes*. Breddin. 8.

Menuthias n. nom. [Pentatomidae]. Kirkaldy. 73.

Mercennus n. nom. [Coreidae]. Distant. 30.

Mertila n. gen. [Capsidae]. Distant. 29.

———— *malayensis*. Distant. 29.

———— *ternatensis*. Distant. 29.

Mestor n. nom. [Reduviidae]. Kirkaldy. 73.

Metabrixia n. gen. [Fulgoridae]. Fowler. 40.

———— *aspera*. Fowler. 40.

———— *delicata*. Fowler. 40.

———— *germana*. Fowler. 40.

———— *maculata*. Fowler. 40.

———— *tacta*. Fowler. 40.

Metriorrhynchomiris n. nom. [Capsidae]. Kirkaldy. 73.

Metrocoris [Hydromechidae].

———— *distanti*. Kirkaldy. 70.

Mevius n. gen. [Capsidae]. Distant. 33.

———— *lewisi*. Distant. 33.

Micrixia n. gen. [Fulgoridae]. Fowler. 40.

———— *costalis*. Fowler. 40.

Microlerida n. gen. [Fulgoridae]. Fowler. 40.

———— *asperata*. Fowler. 40.

Micromasoria n. nom. [Fulgoridae]. Kirkaldy. 73.

Micronecta [Corixidae].

———— *carbonaria*. Horváth. 62.

———— *halipoides*. Horváth. 62.

Microtoma [Lygaeidae].

———— *praeusta*. Jakovlev. 65.

- Mictis** [Coreidae].
 — *loricata*. Distant. 29.
- Miopygium** n. gen. [Pentatomidae].
 Breddin. 8.
 — *cyclopeltoides*. Breddin. 8.
- Miris** [Capsidae].
 — *atkinsoni*. Distant. 33.
 — *ruficeps*. Distant. 29.
- Mirpertis** [Coreidae].
 — *nigrofasciatus*. Distant. 29.
 — *robustus*. Distant. 29.
- Mononyx** [Galgulidae].
 — *luteocarinus*. Distant. 29.
- Montandoneus** n. nom. [Pentatomidae].
 Kirkaldy. 73.
- Morbora** [Pentatomidae].
 — *hirtula*. Bergroth. 7.
 — *schoutedeni*. Bergroth. 7.
- Moyara** [Pentatomidae].
 — *martini*. Schouteden. 131.
- Muansa** n. gen. [Cicadidae]. Distant. 29.
- Munza** n. gen. [Cicadidae]. Distant. 29.
- Mycterocoris** n. gen. [Capsidae].
 Uhler. 151.
- Myrmecophyes** [Capsidae].
 — *aeneus*. Reuter. 111.
 — *korschinskii*. Reuter. 111.
- Myrmus** [Coreidae].
 — *formosus*. Jakovlev. 65.
- Myrochea** [Pentatomidae].
 — *distincta*. Schouteden. 131.
- Mysolis** n. nom. [Jassidae]. Kirkaldy. 73.
- Mystilus** n. gen. [Capsidae]. Distant. 33.
 — *priamus*. Distant. 33.
- Myzes** [Aphidae].
 — *liemisi*. Sanborn. 122.
 — *michaelsenii*. Schouteden. 135.
- Nabis** [Reduviidae].
 — *cinerascens*. Horváth. 61.
 — *eta*. Kirkaldy. 74.
 — *funbris*. Distant. 33.
 — *nigrescens*. Distant. 33.
 — *tibialis*. Distant. 33.
- Nanichisme** n. nom. [Coreidae].
 Kirkaldy. 73.
- Nanniella** n. gen. [Capsidae]. Reuter. 112.
 — *chalybea*. Reuter. 112.
- Narcegaster** n. gen. [Lygaeidae].
 Horváth. 58.
- Nealera** [Pentatomidae].
 — *diminuta*. Horváth. 59.
- Nectarophora** [Aphidae].
 — *caudata*. Pergande. 101.
 — *epilobii*. Pergande. 104.
 — *insularis*. Pergande. 104.
- Neoblissus** n. gen. [Lygaeidae].
 Bergroth. 3.
 — *parasitaster*. Bergroth. 3.
- Neofurius** [Capsidae].
 — *thetis*. Kirkaldy. 75.
- Nephesa** [Fulgoridae].
 — *aurantiaca*. Schmidt. 130.
 — *carinulata*. Schmidt. 130.
- Nezara** [Pentatomidae].
 — *adelphe*. Horváth. 59.
 — *bergrothii*. Horváth. 59.
 — *limbosa*. Horváth. 59.
 — *liturata*. Horváth. 59.
 — *macrorhaphis*. Horváth. 59.
 — *rufidorsum*. Horváth. 59.
 — *valida*. Horváth. 59.
- Nichomachus** n. gen. [Capsidae].
 — Distant. 29.
 — *sloggetti*. Distant. 29.
- Nicrostatus** n. gen. [Capsidae]. Distant. 33.
 — *balteatus*. Distant. 33.
- Nyctidea** n. gen. [Capsidae]. Reuter. 111.
 — *moesta*. Reuter. 111.
- Nymannus** n. gen. [Capsidae]. Distant. 29.
 — *typicus*. Distant. 29.
- Nysius** [Lygaeidae].
 — *pilosulus*. Horváth. 61.
 — *rubromaculatus*. Distant. 29.
- Ochisme** n. nom. [Pentatomidae].
 Kirkaldy. 73.
- Ochrorrhaca** n. gen. [Pentatomidae].
 Breddin. 12.
 — *truncaticornis*. Breddin. 12.
- Odontogonus** n. nom. [Reduviidae].
 Bergroth. 5.
- Odontopus** [Pyrrhocoridae].
 — *zoraida*. Kirkaldy and Edwards. 76.

OECLEUS [Fulgoridae].

- *addendus*. Fowler. 40.
 ——— *brunneus*. Fowler. 40.
 ——— *concinuus*. Fowler. 40.
 ——— *minimus*. Fowler. 40.
 ——— *pelluceus*. Fowler. 40.
 ——— *teapae*. Fowler. 40.
 ——— *tenellus*. Fowler. 40.

OLIARUS [Fulgoridae].

- *breviceps*. Fowler. 40.
 ——— *chiriquensis*. Fowler. 40.
 ——— *concinuus*. Fowler. 40.
 ——— *caeculus*. Fowler. 40.
 ——— *frontalis*. Melichar. 88.
 ——— *hirtus*. Melichar. 88.
 ——— *humeralis*. Fowler. 40.
 ——— *insignior*. Fowler. 40.
 ——— *lacteipennis*. Fowler. 40.
 ——— *nigro-alutaceus*. Fowler. 40.
 ——— *propior*. Fowler. 40.

Oncinoproctus n. gen. [Pentatomidae].

- Breddin. 12.
 ——— *griseolus*. Breddin. 12.

ONCOTYLUS [Capsidae].

- *cunealis*. Reuter. 116.
 ——— *fuscicornis*. Reuter. 113.

Onomaeus n. gen. [Capsidae]. Distant.

- 33.
 ——— *pompens*. Distant. 33.

OPIOMUS [Pentatomidae].

- *crucatus* var. *inermis* n. var.
 ——— Schouteden. 131.
 ——— *sericus*. Breddin. 8.

Oria n. gen. [Cicadidae]. Distant. 29.**Ornithissus** n. gen. [Fulgoridae] Fowler.

- 40.
 ——— *cockerelli*. Fowler. 40.

ORTHOTYLUS [Capsidae].

- *antennalis*. Reuter. 113.
 ——— *pallidulus*. Reuter. 113.

Ostoradias n. gen. [Anthocoridae].

- Distant. 29.
 ——— *contubernalis*. Distant. 29.

Ouranion n. nom. [Coreidae]. Kirkaldy.

- 73.

ONYCAREXUS [Lygaeidae].

- *scalposus*. Uhler. 151.

Pachyntheisa n. gen. [Fulgoridae].

- Fowler. 40.
 ——— *concinna*. Fowler. 40.
 ——— *excelsior*. Fowler. 40.

PALICUS [Jassidae].

- *africanus*. Melichar. 88.
 ——— *conjunctus*. Melichar. 88.

PALOMENA [Pentatomidae].

- *limbata*. Jakovlev. 64.

PAMERA [Lygaeidae].

- *apicalis*. Distant. 29.
 ——— *picturata*. Distant. 29.
 ——— *tuberculata*. Osborn. 111.

Panaphis n. nom. [Aphidae]. Kirkaldy.

- 73.

PARABOLOCRATUS [Jassidae].

- *taenionotus*. Jacobi. 63.

PARACALOCORIS [Capsidae].

- *barretti*. Distant. 29.
 ——— *burmanicus*. Distant. 33.
 ——— *capensis*. Distant. 29.
 ——— *erebus*. Distant. 33.
 ——— *lanarius*. Distant. 33.

PARACARNUS [Capsidae].

- *grenadensis*. Distant. 29.

PARAPIOXYS [Fulgoridae].

- *hilaris*. Melichar. 88.
 ——— *viridifasciatus*. Melichar. 88.

Parochlerus n. gen. [Pentatomidae].

- Breddin. 8.
 ——— *latus*. Breddin. 8.

PATARA [Fulgoridae].

- *marmorata*. Fowler. 40.

Pauropsalta n. gen. [Cicadidae]. Goding and Froggatt.

- 46.
 ——— *annulata*. Goding and Froggatt. 46.
 ——— *basalis*. Goding and Froggatt. 46.
 ——— *borcalis*. Goding and Froggatt. 46.
 ——— *castanea*. Goding and Froggatt. 46.
 ——— *dubia*. Goding and Froggatt. 46.
 ——— *emma*. Goding and Froggatt. 46.
 ——— *extensa*. Goding and Froggatt. 46.
 ——— *leuvensis*. Goding and Froggatt. 46.
 ——— *minima*. Goding and Froggatt. 46.
 ——— *nigristriga*. Goding and Froggatt. 46.
 ——— *nodicosta*. Goding and Froggatt. 46.
 ——— *prolongata*. Goding and Froggatt. 46.
 ——— *rubra*. Goding and Froggatt. 46.

- PEDIOPSIS** [Jassidae].
 ——— *pictipes*. Horváth. 61.
- Peggichisme** n. nom. [Pyrrhocoridae].
 Kirkaldy. 73.
- PEMPHIGES** [Aphidae].
 ——— *burrori*. Sanborn. 122.
- Peregrinator** n. nom. [Reduviidae].
 Kirkaldy. 73.
- Peregrinus** n. gen. [Fulgoridae].
 Kirkaldy. 71.
- PERUDA** [Lygaeidae].
 ——— *longiventris*. Horváth. 58.
- Phaenacantha** n. gen. [Lygaeidae].
 Horváth. 58.
 ——— *ambigua*. Horváth. 58.
 ——— *antennalis*. Horváth. 58.
 ——— *biroi*. Horváth. 58.
 ——— *confusa*. Horváth. 58.
 ——— *consotrina*. Horváth. 58.
 ——— *conviva*. Horváth. 58.
 ——— *discrepans*. Horváth. 58.
 ——— *femoralis*. Horváth. 58.
 ——— *gestroi*. Horváth. 58.
 ——— *mehelyi*. Horváth. 58.
 ——— *pacifica*. Horváth. 58.
 ——— *pilosella*. Horváth. 58.
 ——— *sedula*. Horváth. 58.
 ——— var. *melanoseelis*
 n. var. Horváth. 58.
 ——— *solers*. Horváth. 58.
 ——— *strenua*. Horváth. 58.
 ——— *suturalis*. Horváth. 58.
 ——— *unicolor*. Horváth. 58.
 ——— *viridipennis*. Horváth. 58.
- Pharyllus** n. gen. [Capsidae]. Distant.
 33.
- PHILIA** [Pentatomidae].
 ——— *insignis*. Schouteden. 132.
- PHLEPSICS** [Jassidae].
 ——— *chloroticus*. Melichar. 88.
 ——— *fasciolatus*. Melichar. 88.
 ——— *rhomboideus*. Melichar. 88.
- PHONERGATES** [Reduviidae].
 ——— *distinguendus*. Schouteden.
 134.
 ——— *nigriventris*. Schouteden.
 134.
 ——— *nuptura*. Varela. 152.
- PHONOCTONUS** [Reduviidae].
 ——— *elegans*. Varela. 152.
- PHONOLIBES** [Reduviidae].
 ——— *bimaculatus*. Distant. 29.
- PHORTICUS** [Reduviidae].
 ——— *elinor*. Kirkaldy. 74.

- Phthirocoris** n. gen. [Hemiocephalidae].
 Enderlein. 38.
 ——— *antarecticus*. Enderlein. 38.
- Phyllochisme** n. nom. [Tingidae].
 Kirkaldy. 73.
- PHYMA** [Fulgoridae].
 ——— *griseopunctata*. Schmidt.
 130.
 ——— *hyalina*. Schmidt. 130.
 ——— *pura*. Schmidt. 130.
 ——— *unipunctata*. Schmidt. 130.
 ——— *waterstradti*. Schmidt. 130.
- PHYSOPELTA** [Pyrrhocoridae].
 ——— *indra*. Kirkaldy and
 Edwards. 76.
 ——— *melanoptera*. Distant. 29.
- PHYSORHYNCHUS** [Reduviidae].
 ——— *pedestris*. Distant. 33.
- PHYTOCORIS** [Capsidae].
 ——— *crinitus*. Distant. 33.
 ——— *lineaticollis*. Reuter. 116.
 ——— *longicornis*. Reuter. 111.
 ——— *moestus*. Reuter. 111.
 ——— *zarudnyi*. Reuter. 116.
- Piptocentrus** n. gen. [Lygaeidae].
 Horváth. 58.
 ——— *pilipes*. Horváth. 58.
- PLAGIOGNATHUS** [Capsidae].
 ——— *einerascens*. Reuter. 113.
- PLATYMETOPIUS** [Jassidae].
 ——— *niveimarginatus*. Melichar.
 88.
- PLATYNOPIUS** [Pentatomidae].
 ——— *fallax*. Schouteden. 131.
 ——— *horváthi*. Schouteden. 131.
- PLATYPLEURA** [Cicadidae].
 ——— *adouma*. Distant. 28.
 ——— *bettoni*. Distant. 29.
 ——— *laticollis*. Melichar. 88.
 ——— *longula*. Distant. 29.
 ——— *mackinnoni*. Distant. 28.
 ——— *makaga*. Distant. 28.
 ——— *melania*. Distant. 29.
 ——— *mira*. Distant. 29.
 ——— *tepperi*. Goding and
 Froggatt. 46.
 ——— *veligera*. Jacobi. 63.
 ——— *vitticollis*. Jacobi. 63.
- PLEA** [Notonectidae].
 ——— *japonica*. Horváth. 62.
- PLECTODERES** [Fulgoridae].
 ——— *asper*. Fowler. 40.
 ——— *basalis*. Fowler. 40.
 ——— *championi*. Fowler. 40.
 ——— *excelsus*. Fowler. 40.

- PLECTODERES** [Fulgoridae].
 ——— *flavovittatus*. Fowler. 40.
 ——— *fuscolineatus*. Fowler. 40.
 ——— *lineatocollis*. Fowler. 40.
 ——— *montanus*. Fowler. 40.
 ——— *notatus*. Fowler. 40.
- Pleuroxonotus** n. gen. [Capsidae].
 Reuter. 111.
 ——— *nasutus*. Reuter. 111.
- PLINACTUS** [Coreidae].
 ——— *trilineatus*. Distant. 29.
- POCHAZOIDES** [Fulgoridae].
 ——— *asperatus*. Melichar. 88.
- PODISUS** [Pentatomidae].
 ——— *carbonarius*. Breddin. 8.
 ——— *caruifer*. Breddin. 8.
 ——— *neniator*. Breddin. 8.
- POECILOSCYTUS** [Capsidae].
 ——— *antennatus*. Distant. 29.
 ——— *capitatus*. Distant. 33.
 ——— *consanguineus*. Distant. 33.
 ——— *flavipes*. Distant. 29.
 ——— *pygmaeus*. Distant. 33.
- Polychisme** n. nom. [Pyrrhocoridae].
 Kirkaldy. 73.
- POLYCTENES** [Polycienidae].
 ——— *intermedius*. Speiser. 140.
- POLYMERUS** [Capsidae].
 ——— *varicornis*. Jakovlev. 65.
- POLYTES** [Pentatomidae].
 ——— *insignis*. Schouteden. 132.
 ——— *cinpulicornis*. Bergroth. 7.
- Pomponatus** n. gen. [Coreidae].
 Distant. 29.
 ——— *typicus*. Distant. 29.
- POMPONIA** [Cicadidae].
 ——— *melanoptera*. Distant. 70.
 ——— *surya*. Distant. 28.
- Poronotellus** n. nom. [Capsidae]. Kirkaldy. 73.
- Presbole**[†] n. gen. [Palaeohemiptera].
 Handlirsch. 54A.
 ——— *hirsuta*[†]. Handlirsch. 54A.
- PRIONOCOMPANTES** [Pentatomidae].
 ——— *vicarians*. Breddin. 12.
- Probergrothius** n. nom. [Pyrrhocoridae].
 Kirkaldy. 73.
- Prodromus** n. gen. [Capsidae]. Distant. 33.
 ——— *clypeatus*. Distant. 33.
 ——— *subflavus*. Distant. 33.
- Proteinissus** n. gen. [Fulgoridae].
 Fowler. 40.
 ——— *bilimeki*. Fowler. 40.
- Proutista** n. nom. [Fulgoridae]. Kirkaldy. 73.
- PSALLOPSIS** [Capsidae].
 ——— *basalis*. Reuter. 116.
- PSALLUS** [Capsidae].
 ——— *beckeri*. Reuter. 113.
 ——— *instabilis*. Reuter. 113.
 ——— *longiceps*. Reuter. 113.
 ——— *singalensis*. Distant. 33.
- PSALTODA** [Cicadidae].
 ——— *plebeia*. Goding and Froggatt. 46.
- Pseudohelicoptera** n. gen. [Fulgoridae].
 Fowler. 40.
 ——— *nasuta*. Fowler. 40.
- Pseudoryxa** n. gen. [Fulgoridae].
 Schmidt. 130.
 ——— *carinulata*. Schmidt. 130.
- Psilorrhaphocoris** n. nom. [Capsidae].
 Kirkaldy. 75.
- PSYLLA** [Psyllidae].
 ——— *alaskensis*. Ashmead. 1.
 ——— *dudai*. Šulc. 145.
 ——— *nasuta*. Horváth. 61.
- PTYELUS** [Cercopidae].
 ——— *aethiops*. Jacobi. 63.
- PULVINARIA** [Coccidae].
 ——— *maxima*. Green. 50.
- PUTALA** [Fulgoridae].
 ——— *apicata*. Melichar. 88.
- PYCNA** [Cicadidae].
 ——— *coelestia*. Distant. 28, 29.
 ——— *hecuba*. Distant. 28.
 ——— *numa*. Distant. 28.
- Quercetanus** n. gen. [Reduviidae].
 Distant. 33.
 ——— *atromaculatus*. Distant. 33.
 ——— *relatus*. Distant. 33.
- Ragnar** n. nom. [Capsidae]. Kirkaldy. 73.
- RANATRA** [Nepidae].
 ——— *fuscoannulata*. Distant. 29.
 ——— *cinnamomea*. Distant. 29.
 ——— *natalensis*. Distant. 29.
 ——— *varicolor*. Distant. 29.
- RAPIHIDOSOMA** [Reduviidae].
 ——— *tuberculatum*. Distant. 33.
- REDUVIOLUS** [Reduviidae].
 ——— *chekkeanus*. Kirkaldy. 74.
 ——— *erigone*. Kirkaldy. 74.
 ——— *vanduzeei*. Kirkaldy. 74.

- REDUVIUS** [Reduviidae].
 ——— *angiportus*. Distant. 33.
 ——— *bozei*. Distant. 33.
 ——— *esau*. Distant. 33.
 ——— *knyretti*. Distant. 33.
 ——— *transnominalis* n. nom.
 Distant. 33.
Reuterista n. nom. [Capsidae]. Kir-
 kaldy. 73.
Rhamphixius n. gen. [Fulgoridae].
 Fowler. 10.
 ——— *championi*. Fowler. 40.
Rhamphocoris n. gen. [Reduviidae].
 Kirkaldy. 74.
 ——— *dorothea*. Kirkaldy. 74.
RHINOPHANTIA [Fulgoridae].
 ——— *fatua*. Melichar. 88.
RHOPALOSIPHUM [Aphidae].
 ——— *acacnae*. Schouteden. 135.
RHYNCHOCORIS [Pentatomidae].
 ——— *patulus*. Breddin. 12.
RHYPAROCHROMUS [Lygaeidae].
 ——— *compactus*. Uhler. 151.
RICANIA [Fulgoridae].
 ——— *erlangeri*. Melichar. 88.
Rihana n. gen. [Cicadidae]. Distant.
 29.
 ——— *sucala*. Distant. 29.
 ——— *virgulata*. Distant. 29.
Rosaphe n. nom. [Aenrodidae]. Kir-
 kaldy & Edwards. 76.
 ——— *cornuta* n. nom. Kirkaldy &
 Edwards. 76.
RUDIA [Fulgoridae].
 ——— *proxima*. Fowler. 40.
 ——— *verticalis*. Fowler. 40.
Rulandus n. gen. [Reduviidae]. Distant.
 33.
 ——— *phaedrus*. Distant. 33.
RUNIBIA [Pentatomidae].
 ——— *picturata*. Breddin. 8.
SABAENS [Pentatomidae].
 ——— *fortispinus*. Breddin. 12.
 ——— *rectispinus*. Breddin. 12.
 ——— *teretispinus*. Breddin. 12.
Sabellicus n. gen. [Capsidae]. Distant.
 29.
Sadaka n. gen. [Cicadidae]. Distant.
 29.
SALDA [Saldidae].
 ——— *dixoni*. Distant. 33.
 ——— *jakovleffi* var. *moerens*
 n. var. Horváth. 61.
SCADRA [Reduviidae].
 ——— *tibialis*. Distant. 33.
SCAPHOIDEUS [Jassidae].
 ——— *strigulatus*. Melichar. 88.
SCIRTETELLUS [Capsidae].
 ——— *seminitens*. Horváth. 61.
SCOPIASTES [Pyrrhocoridae].
 ——— *bergrothi*. Kirkaldy. 75.
Scytinoptera † n. gen. [Palaeohemiptera].
 Handlirsch. 54A.
 ——— *kokeni* †. Handlirsch. 54A.
SELIZA [Fulgoridae].
 ——— *squamata*. Melichar. 88.
Seridentus n. gen. [Reduviidae].
 Osborn. 101.
 ——— *denticulatus*. Osborn. 101.
Sesellius n. gen. [Anthocoridae]. Dis-
 tant. 29.
SIVA [Jassidae].
 ——— *bipunctula*. Melichar. 88.
Sminthocoris n. nom. [Reduviidae].
 Distant. 33.
Sophianus n. gen. [Capsidae]. Distant.
 33.
 ——— *alces*. Distant. 33.
Southia n. nom. [Fulgoridae]. Kir-
 kaldy. 73.
SPHEDANOLESTES [Reduviidae].
 ——— *dices*. Distant. 33.
 ——— *variabilis*. Distant. 33.
Sphigmocephalus n. gen. [Henioce-
 phalidae]. Enderlein. 38.
Stegius n. gen. [Reduviidae]. Distant.
 33.
 ——— *pravus*. Distant. 33.
STENODEMA [Capsidae].
 ——— *alpestre*. Reuter. 114.
 ——— *chinense*. Reuter. 114.
 ——— *elegans*. Reuter. 114.
 ——— *plebejum*. Reuter. 114.
 ——— *trispinosum*. Reuter. 114.
 ——— *turanicum*. Reuter. 114.
STENOZYGUM [Pentatomidae].
 ——— *bergrothi* n. nom. Schouteden.
 131.
 ——— *bicolor*. Schouteden. 134.
 ——— *decoratum*. Schouteden.
 134.
 ——— *mombasanum*. Schouteden.
 131.
Stictocoris n. nom. [Pentatomidae].
 Kirkaldy. 73.

STYMPHALUS [Jassidae].
 ——— *calliger*. Melichar. 88.

Sundarion n. nom. [Jassidae]. Kirkaldy.
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SUPPUTIUS [Pentatomidae].
 ——— *obscurus*. Breddin. 8.

SYCANUS [Reduviidae].
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 ——— *inermis*. Distant. 33.

Symphylax n. gen. [Lygaeidae].
 ——— Horváth. 58.
 ——— *picticollis*. Horváth. 58.
 ——— var. *blandus* n.
 ——— var. Horváth. 58.
 ——— var. *confluens* n.
 ——— var. Horváth. 58.

Tagalisca n. subgen. [Lygaeidae].
 ——— Horváth. 58.

Tancredus n. gen. [Capsidae]. Distant.
 33.
 ——— *sandaracatus*. Distant. 33.

TAPEINUS [Reduviidae].
 ——— *fallax*. Breddin. 11.
 ——— *heydeni*. Breddin. 11.

Taphrocranium n. gen. [Lygaeidae].
 ——— Horváth. 58.

TARISA [Pentatomidae].
 ——— *chloris*. Horváth. 61.

TERPNOSIA [Cicadidae].
 ——— *abdullah*. Distant. 28.
 ——— *ganesa*. Distant. 28.

TESSARATOMA [Pentatomidae].
 ——— *niamensis*. Schouteden. 131.

Tetrochlerus n. gen. [Pentatomidae].
 ——— Breddin. 8.
 ——— *fissiceps*. Breddin. 8.

TETTIGIA [Cicadidae].
 ——— *variegata*. Goding and
 Froggatt. 46.

Tettigoniella n. nom. [Jassidae].
 ——— Jacobi. 63.

Texas n. nom. [Pentatomidae]. Kirkaldy.
 73.

THAMNOTETTIX [Jassidae].
 ——— *macilentus*. Horváth. 61.

Thanatophantia n. nom. [Fulgoridae].
 ——— Kirkaldy. 73.

Thanatophara n. nom. [Fulgoridae].
 ——— Kirkaldy. 73.

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 ——— Kirkaldy and Edwards.
 76.

———— *montandoni*. Kirkaldy and
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Thaumatoxena n. gen. [Incertae Sedis].
 ——— Breddin and Börner. 14.
 ——— *wasmanni*. Breddin and
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THESEUS [Pentatomidae].
 ——— *nigrescens*. Distant. 29.

THIONIA [Fulgoridae].
 ——— *brevior*. Fowler. 40.
 ——— *humilis*. Fowler. 40.
 ——— *naso*. Fowler. 40.
 ——— *scutellata*. Fowler. 40.
 ——— *sordida*. Fowler. 40.

Thrasymedes n. nom. [Jassidae].
 ——— Kirkaldy. 73.

Thurselinus n. gen. [Nepidae]. Distant.
 31.
 ——— *greeni*. Distant. 31.

TIBICEN [Cicadidae].
 ——— *borealis*. Goding and Frog-
 gatt. 46.
 ——— *doddi*. Goding and Frog-
 gatt. 46.
 ——— *flavus*. Goding and Frog-
 gatt. 46.
 ——— *hirsutus*. Goding and Frog-
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 ——— *kurandae*. Goding and
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 ——— *occidentalis*. Goding and
 Froggatt. 46.
 ——— *ruber*. Goding and Frog-
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 ——— *rubricinctus*. Goding and
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 ——— *sankara*. Distant. 28.

Tirysus n. nom. [Capsidae]. Kirkaldy.
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TOLUMNIA [Pentatomidae].
 ——— *ferruginescens*. Breddin. 12.

TOMASPIUS [Cercopidae].
 ——— *invenusta*. Jacobi. 63.

TOSENA [Cicadidae].
 ——— *seebohmi*. Distant. 29.

Trachelonotus n. gen. [Capsidae].
 ——— Reuter. 116.
 ——— *unifasciatus*. Reuter. 116.

Tragelaphodes n. gen. [Reduviidae].
 ——— Bergroth. 5.
 ——— *hirculus*. Bergroth. 5.

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 ——— *setosa*. Reuter. 112.
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 ——— *quadraticeps*. Horváth. 59.
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 ——— *exsul*. Jacobi. 63.
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 ——— *cuneatus*. Distant. 33.
TYCHEA [Aphidae].
 ——— *crassa*. Cockerell. 25.
 ——— *lasii*. Cockerell. 25.
 ——— *pallidula*. Cockerell. 25.
Tylopeltis n. gen. [Cisidae]. Reuter. 112.
 ——— *albosignata*. Reuter. 112.
Tyraquellus n. gen. [Capsidae]. Distant. 33.
 ——— *maculatus*. Distant. 33.
Ugada n. gen. [Cicadidae]. Distant. 29.
 ——— *nutti*. Distant. 29.
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 ——— *intermedius*. Fowler. 40.
Umjaba n. gen. [Cicadidae]. Distant. 29.
UXANTIS [Fulgoridae].
 ——— *taenia*. Schmidt. 130.
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 ——— *greeni*. Distant. 33.
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 ——— *brunnea*. Osborn. 101.
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 ——— *superba*. Goding and Froggatt. 46.
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 ——— *sulcatus*. Distant. 29.
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4203-4231 **DIPTERA (EXCL. SIPHONAPTERA WHICH ARE PLACED IN 3603-3631).**

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The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Corethra nn. spp. New York. **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., **79**, 1901, (347, 353); *C. ceratopogones* n. sp. Gambia. **Theobald**, F. V. Liverpool, Thompson Yates Lab. Rep., **5**, 1904, Mem. X, App. (X); *C. indica* n. sp. Moradabad. **Giles**, G. M. J. Trop. Med., London, **7**, 1901, (49); *C. plumicornis* Fabr., Beschreibung. **Kertész**, K. Állatt. Közlem., Budapest, **3**, 1904, (71-75).

Culex nn. spp. Arizona. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (25-26); *C.* nn. spp. New York. **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., **79**, 1904, (305-381); *C.* nn. spp. **Felt**, E. P. and **Young**, D. B.

Science, New York, N.Y., (N. Ser., 20, 1904, (312-313); *C. m.* spp. (nom. nud.). Arizona. **Adams**, Lawrence, Kan., Univ. Sci. Bull., 2, 1904, (323-350); *C. m.* spp., n. var. Gambia. **Theobald**, F. V. Liverpool, Thompson Yates Lab. Rep., 5, 1904, Mem. X, App. (v-viii); *C. dorsalis* Meig., *C. ornatus* Meig., *C. nemorosus* Meig., *C. cantans* Meig., *C. rexans* Meig., *C. pulchritarsis* Rond., *C. lateralis* Meig., *C. amulatus* Schrnk., *C. richardii* Ficalbi, *C. pipiens* L., *C. modestus* Fic., Beschreibung. **Kertész**, K. Állatt. Közlem. Budapest, 3, 1904, (38-70); *C. dupreei* n. sp. Louisiana. **Coquillett**, D. W. Canad. Ent., Toronto, 36, 1904, (10); *C. fatigans*, experiments in feeding, etc. **Goeldi**, E. A. Bol. Mus. Goeldi, Pará, 4, 1904, (129-197); *C. fuscus* Wied., Asia Minor, characters. **Giles**, G. M. J. Trop. Med., London, 7, 1904, (384); *C. luteolateralis* n. varr. **Theobald**, F. V. *l.* Liverpool, Thompson Yates Lab. Rep., Pt. II, 5, 1904, Mem. XI, App. (ii); *C. peus* n. nom. = *C. affinis* Adams. **Speiser**, P. Insektenbörsen, Leipzig, 21, 1904, (148); *C. siphonalis* n. sp. New Jersey. **Grossbeck**, J. A. Canad. Ent., Toronto, 36, 1904, (332); *C. sollicitans*, life history. **Smith**, J. B. Psyche, Cambridge, Mass., 10, 1903, (1-6, with 1 pl.); *C. taeniorhynchoides* n. sp. Angola. **Giles**, G. M. J. Trop. Med., London, 7, 1904, (368).

Culicada n. gen. (type, *canadensis* Theo.). **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., 79, 1904, (391 b).

Culicella n. gen., type, *dyari* Coq. **Felt**, E. P. *l.* (391 e).

Culicelsa n. gen., type, *taeniorhynchus* Wied. **Felt**, E. P. *l.* (391 b).

Culiseta n. gen., type *absobrinus* Felt. **Felt**, E. P. *l.* (391 e).

Danielsia n. gen. (*Culicina*). **Theobald**, F. V. Entomologist, London, 1904, (78); *D. albotaeniata* n. sp. Kuala Lumpur. **Leicester**, Dr. *l.* (111).

Desroidea fusca var. *joloensis* n. var. **Ludlow**, C. S. Canad. Ent., Toronto, 36, 1904, (236).

Eculex n. gen., (type *sylvestris* Theo.). **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., 79, 1904, (391 e).

Finlayia, modified to include *Orthopomyia*; nn. spp. Philippines. **Giles**, G. M. J. Trop. Med., London, 7, 1901, (366-367).

Grabhamia deniedmannii n. sp. Philippines. **Ludlow**, C. S. Canad. Ent., Toronto, 36, 1904, (234).

Hodgesia sp. Philippines. **Giles**, G. M. J. Trop. Med., London, 7, 1904, (368, fig.).

Howardina himalayana n. sp. Naini Thal. **Giles**, G. M. *l.* (384).

Hulecoetomyia n. gen. (*Culicina*). **Theobald**, F. V. *H. trilineata* n. sp. Kuala Lumpur. **Leicester**, Dr. Entomologist, London, 1904, (165).

Lasioconops n. gen., near *Culex*, *L. poecilipes* n. sp. W. Africa. **Theobald**, F. V. Liverpool, Thompson Yates Lab., 5, 1904, Mem. X, App. (viii, ix).

Leicesteria n. gen. near *Eretmapodites*. **Theobald**, F. V. *L. longipalpis* n. sp. Kuala Lumpur. **Leicester**, Dr. Entomologist, London, 1904, (211).

Lophoscelomyia n. gen. (*Anophelina*). **Theobald**, F. V. *L. asiatica* n. sp. Kuala Lumpur. **Leicester**, Dr. *l.* (12-13).

Megarhinus lewaldii n. sp. Philippines. **Ludlow**, C. S. Canad. Ent., Toronto, 36, 1904, (233).

Mimomyia chamberlaini n. sp. Philippines. **Ludlow**, C. S. *l.* (297).

Mochlonyx velutinus, Metamorphose. **Wimmer**, A. Prag, Rozpr. České Ak. Frant. Jos., 13, 1904, I, (1-10, mit 2 Taf.).

Myzomyia rossii var. **Giles**, G. M. J. Trop. Med., London, 7, 1904, (1); *M. thorntonii* n. sp. Philippines. **Ludlow**, C. S. Canad. Ent., Toronto, 36, 1904, (69-71).

Myzorhynchus sinensis? larva. **Giles**, G. M. J. Trop. Med., London, 7, 1901, (51).

Nyssorhynchus jamesii and *N. fuliginosus* queried as one species, also *N. theobaldi* and *N. maculipennis*. **Giles**, G. M. *l.* (22).

Orthopodomyia n. gen. near *Finlaya*. **Theobald**, F. V. *O. albipes* n. sp. Kuala Lumpur. **Leicester**, Dr. Entomologist, London, 1904, (236-237).

Protoculx n. gen., type *serratus* Theo. Felt, E. P. Albany Univ., N.Y., Bull. St. Mus., **79**, 1904, (391 d).

Runchomyia philippinensis n. sp. Philippines. Giles, G. M. J. Trop. Med., London, **7**, 1904, (368).

Sayomyia nn. spp. New York. Felt, E. P. Albany Univ., N.Y., Bull. St. Mus., **79**, 1904, (366, 371).

Scutomyia n. gen. (*Culicina*), *S. albo-lineata* n. sp. Kuala Lumpur. Theobald, F. V. Entomologist, London, **1904**, (77).

Stegomyia nn. spp. Philippines. Giles, G. M. J. Trop. Med., London, **7**, 1904, (367); *S. albocephala* n. sp. Gambia. Theobald, F. V. Liverpool, Thompson Yates Lab. Rep., **5**, 1904, Mem. X, App. (iv); *S. fasciata*, experiments in feeding, etc. Goeldi, E. A. Bol. Mus. Goeldi, Pará, **4**, 1904, (129-197); *S. fasciata*, note sur un parasite (*Nosema*). Simond, P. L. Paris, C.-R. soc. biol., **55**, 1903, (1335-1337); *S. scutellaris* var. *samarensis* n. var. Ludlow, C. S. Canad. Ent., Toronto, **36**, 1904, (71-72).

Taeniorhynchus nn. spp. Philippines and Antigua. Giles, G. M. J. Trop. Med., London, **7**, 1904, (367, 384); *T.*, revised, species tabulated. Giles, G. M. l.c. (381-383).

Toxorhynchites leicesteri n. sp. Malay States. Theobald, F. V. *T. metallicus* n. sp. Leicester, Dr. Entomologist, London, **1904**, (36, 37).

Uranotaenia nitidorenter n. sp. Philippines. Giles, G. M. J. Trop. Med., London, **7**, 1904, (368).

CHIRONOMIDAE.

Ceratopogon nn. spp. Alaska. Coquillett, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1-78); *C. dimidiatus* n. sp. Arizona. Adams, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (27).

Chasmatonotus univittatus n. sp. Alaska. Coquillett, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1-78).

Chironomus, metamerer Aufbau des Kopfes der Larve. Holmgren, N. Zs. wiss. Zool., Leipzig, **76**, 1904, (439-477,

mit 2 Taf.); *C. plumosus*, Massenschwarm. Schuster, L. Zool. Garten, Frankfurt a. M., **45**, 1904, (344-345).

Metricnemus knabi n. sp. Massachusetts. Coquillett, D. W. Canad. Ent., Toronto, **36**, 1904, (11).

Telmatogeton alaskensis n. sp. Alaska. Coquillett, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1-78).

PSYCHODIDAE.

Clytocerus n. gen. for part of *Pericoma*. Eaton, A. E. Ent. Mag., London, **40**, 1904, (59).

Logima n. gen., type *Psychoda erminea* Eat. Eaton, A. E. l.c. (58).

Philosepedon n. gen. for *P. humeralis* Meig. Eaton, A. E. l.c. (57).

Phlebotomus and allies, characters. Eaton, A. E. l.c. (55, 56).

Telmatoscopus n. gen. for part of *Pericoma*. Eaton, A. E. l.c. (58).

Threticus n. gen., *T. gemina* n. sp. England, *T. compar* n. sp. Britain, Algeria, Madeira. Eaton, A. E. l.c. (57).

Xenapates n. gen. for part of *Pericoma*. Eaton, A. E. l.c. (58).

TIPULIDAE.

GENERAL.

Snodgrass, R. E. The Tipulid hypopygium, a study in specific adaptations. Psyche, Cambridge, Mass., **10**, 1903, (188-189).

SPECIAL.

Cylindrotoma juncta n. sp. Alaska. Coquillett, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1-78).

Dicranomyia kobusi n. sp. Südasien. Meijere, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (91, pl. VIII, figs. 5, 6).

Eriocera nigripennis n. sp. Südasien. Meijere, J. C. H. de. l.c. (92).

Ornithodes n. gen., (type *O. harrimani* n. sp.). Alaska. Coquillett, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1-78).

Pachyrrhina un. spp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (89-90, pl. VIII, fig. 4).

Peditia spp., *P. magnifica* n. sp. British Columbia. **Hine**, J. S. Ohio Nat. Columbus, Ohio, **3**, 1903, (416-417).

Pselliophora nn. spp. Java. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (87-88, pl. VIII, fig. 1).

Rhypholophus flaveolus n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition). New York, **9**, 1904, (1-78).

Tipula un. spp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1-78); *T. tibetana* n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr.-Dierk., **17-18**, 1904, (89).

BIBIONIDAE.

Biblio obscuripennis n. sp. India. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (87).

Plecia borussica† n. sp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (391-404); *P. lugubris* n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (86).

Scatopse† nn. spp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (391-404).

SIMULIIDAE.

Simulia† nn. spp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **25**, 1904, (391-404); *S. columbaczensis* Fab. and *S. reptans* L. as causes of diseases in cattle. **Bergman**, A. M. Malmö, Malmöhus Hush. Sällsk. Qvar- talsskr., **1903**, (214-235, with pl.).

Simulium notatum n. sp. (nom. nud.). Arizona. **Adams**, in **Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (323-350, 434); *S. tephrodes* n. nom. = *S. cinereum* Bellardi. **Speiser**, P. Insektenbörse, Leipzig, **21**, 1904, (148).

RHYPHIDAE.

Rhipidia pulchra n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (92, pl. VIII, fig. 7).

Rhyphus† nn. spp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (391-404).

STRATIOMYIIDAE.

GENERAL.

Melander, A. L. Notes on North American *Stratiomyiidae*. Canad. Ent., Toronto, **36**, 1904, (14-25, 53-51).

SPECIAL.

Chrysochroma albipes Town. (= *Chrysotus albipes* n. sp. Townsend MS.) Mexico. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (31).

Eudmeta brunnea n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (94, pl. VIII, fig. 19).

Euparyphus nn. spp. Western U. S. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (29-31); *E. albipilosus* n. sp. (nom. nud.). Arizona. **Adams**, in **Snow**, F. H. L. e., **2**, 1904, (323-350); *E. obliquus* n. sp. British Columbia. **Hine**, J. S. Canad. Ent., Toronto, **36**, 1904, (87-88).

Hermetia nn. spp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (93, pl. VIII, fig. 9).

Nemotelus nn. spp. Texas and California. **Melander**, A. L. Psyche, Cambridge, Mass., **10**, 1903, (171-183, with 1 pl.); N. nn. spp. Kansas. **Adams**, C. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (22); N. nn. spp. Kansas. **Snow**, F. H. L. e. (211-223).

Ptecticus tricolor n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (95, pl. VIII, fig. 11).

Rosapha bimaculata n. sp. Java. **Meijere**, J. C. H. de. L. e. (96, pl. VIII, figs. 13, 11).

LEPTIDAE.

Chrysopila nn. spp. Western U. S. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (437-438); *C. simplex* n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (97).

Leptis nn. spp. Washington. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (411-412).

Symphoromyia flavipalpis n. sp. Utah and Colorado. **Adams**, C. F. l.c. (439).

Xylophagus nitidus n. sp. New Hampshire. **Adams**, C. F. l.c. (435).

TABANIDAE.

GENERAL.

Hine, J. S. Insects injurious to stock in the vicinity of the Gulf biologic station. [Cameron, La.] [With notes on *Tabanidae* and their natural enemies.] Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (57-60).

——— Some economic considerations with reference to *Tabanidae*. l.c. No. **46**, 1904, (23-25).

SPECIAL.

Chrysops nn. spp. N. Carolina. **Hine**, J. S. Canad. Ent., Toronto, **36**, 1904, (55-56); C. nn. spp. **Whitney**, C. P. l.c. (205).

Dichelaera grandis n. sp. Brit. Honduras. **Ricardo**, G. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (371).

Tabanus nn. spp. **Whitney**, C. P. Canad. Ent. Toronto, **36**, 1904, (206-207).

Udenocera n. gen. (*Tabaninae*), *U. brunneus* n. sp. Ceylon. **Ricardo**, G. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (355).

THEREVIDAE.

Psilocephala nn. spp. Arizona. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (443-444); *P.* nn. spp. (nom. nud.). Arizona. **Snow**, F. H. l.c. (323-350); *P. acuta* n. sp. Kansas. **Adams in Snow**, F. H. l.c. **2**, 1903, (211-223).

Thereva anomala n. sp. (nom. nud.). Arizona. **Adams in Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (323-350, 447).

SCENOPINIDAE.

Scenopinus nn. spp. Arizona. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (445); *S.* nn. spp. (nom. nud.). Arizona. **Snow**, F. H. l.c. (323-350).

BOMBYLIIDAE.

GENERAL.

Villeneuve, J. Les Bombyles de Meigen au Muséum de Paris. Paris, Bul. soc. ent., **1903**, (237-239).

SPECIAL.

Anthrax harveyi n. sp. British Columbia. **Hine**, J. S. Canad. Ent., Toronto, **36**, 1904, (88-89).

Bombylius major. Saugt die Grosse Schwebfliege im Schweben? **Schuster**, L. Zool. Garten, Frankfurt a. M., **45**, 1904, (260-261).

Plithiria nn. spp. United States. **Johnson**, C. W. Psyche, Cambridge, Mass., **10**, 1903, (181-185).

Systropus, adaptation parallèle de l'hôte et du parasite aux mêmes conditions d'existence. **Kunckel d'Herculais**, J. Paris, C.-R. Acad. sci., **138**, 1904, (1623-1625).

MYDAIDAE.

Mydas abdominalis n. sp. (nom. nud.). Arizona. **Adams in Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (323-350, 434).

ASILIDAE.

Anisopogon johnsoni n. sp. Colorado. **Bach**, E. A. Canad. Ent., Toronto, **36**, 1904, (293).

Atomosia sayii n. sp. Eastern U.S. **Johnson**, C. W. Psyche, Cambridge, Mass., **10**, 1903, (113).

Ceraturgopsis n. gen., type, *Dasy-pogon cornutus* Wiedemann. **Johnson**, C. W. l.c. (111).

Dasyllis nn. spp. N. America. **Bach**, E. A. Canad. Ent., Toronto, **36**, 1904, (289-290).

Dizonias pilatei n. sp. Georgia. **Johnson**, C. W. Psyche, Cambridge, Mass., 10, 1903, (112).

Ospricoerus albifasciatus n. sp. Florida. **Bach**, E. A. Canad. Ent., Toronto, 36, 1904, (292).

Saropogon nn. spp. Texas. **Johnson**, C. W. Psyche, Cambridge, Mass., 10, 1903, (113).

EMPIDAE.

GENERAL.

Bezzi, M. Empididi indo-australiani raccolti dal signor L. Birò. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (320-361, con 7 fig.).

SPECIAL.

Acarterus pallipes n. sp. ♂ ? . Ost-Indien. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (335).

Antheipseopus antipodus n. sp. ♀ . Ost-Indien. **Bezzi**, M. l.c. (339-340).

Chersodromia lutescens n. sp. ♀ . Ost-Indien. **Bezzi**, M. l.c. (358-359).

Clinocera (*Wiedemannia*) *microstigma* n. sp. ♂ ♀ . **Bezzi**, M. l.c. (201-202).

Coloboneura argyropalpa n. sp. ♂ ♀ . Ost-Indien. **Bezzi**, M. l.c. (358).

Ctenodrapetis v. *Drapetis*.

Drapetis Meig., synoptische Übersicht der Arten; 9 nn. spp. Ost-Indien. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (350-356).

Elaphropeza Macq., synoptische Übersicht der Arten, *E. fulvithorax* v. D. Walp., Beschreibung; 3 nn. spp. Ost-Indien. **Bezzi**, M. [arior]. l.c. (316-319).

Empis nn. spp. Alaska and British Columbia. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, 9, 1904, (1-78); *E.* nn. spp., Ost-Indien. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (340-344); *E. setigera*, étude. **Villeneuve**, J. Paris, Bul. soc. ent., 1903, (212).

Epiceia v. *Syneches*.

Gloma scopifera n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, 9, 1904, (1-78).

Halsanulotes setifrons n. sp. ♂ . **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (357).

Harpamerus v. *Syneches*.

Hilara aurata n. sp. Alaska and Maine. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, 1904, (1-78).

Hybos Meig., synoptische Übersicht der Arten; *H. geniculatus* v. D. Wulp, *H. papuana* Kert., *H. sydneyensis* Schin., Beschreibung; *H. bezzi*, faunistisch; 3 nn. sp. Ost-Indien. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (324-328).

Leptopeza nn. sp. Ost-Indien. **Bezzi**, M. l.c. (336-339).

Microphorus nn. spp. Alaska and British Columbia. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, 9, 1904, (1-78).

Parahybos iridipennis Kert., Beschreibung. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (336).

Platypalpus nn. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, 9, 1904, (1-78).

Ptilophyllodromia n. gen., *P. biró* n. sp. Ost-Indien. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (341-345).

Rhamphomyia nn. spp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, 9, 1904, (1-78); *R.* nn. spp. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (198-202).

Syndyas nn. spp. Ost-Indien. **Bezzi**, M. l.c. (323-324).

Syneches Walk., synoptische Übersicht der Arten; *S. (Epiceia) bicolor* Walk., Beschreibung; 4 nn. spp. Ost-Indien. **Bezzi**, M. l.c. (329-334).

Tachydromia (*Platypalpus*) *chionochaeta* n. sp. ♀ . Ost-Indien. **Bezzi**, M. l.c. (359-560).

Wiedemannia v. *Clinocera*.

DOLICHOPIDAE.

GENERAL.

Snodgrass, R. E. The hypopygium of the *Dolichopodidae*. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), 3, 1904, (1 l + 273-294, with 4 pls.).

SPECIAL.

Dolichopus nn. spp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1-78); *D.*, European catalogued and classified. **Verrall**, G. H. Ent. Mag., London, **40**, 1904, (241-242); *D. andalusiacus*, *D. lineaticornis*, characters; *D. laticola* n. sp. **Verrall**, G. H. *l.c.* (226-227).

PHORIDAE.

Phora in nests of ants and *Bombus*. **Collin**, J. E. London, Trans. Ent. Soc., **1904**, (Proc. XXI).

TERMITOXENIIDAE.

Termitoxenia jaegerskioeldi n. sp. Sudan. **Wasmann**, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (16-17).

PIPUNCULIDAE.

Pipunculus nn. spp. Missouri and New Mexico. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (36).

CONOPIDAE.

GENERAL.

Meijere, J. C. H. de. Piologie und systematische Verwandtschaft der Conopiden. 's Gravenhage, Tijdschr. Ent., **46**, 1904, (144-225, mit 4 Taf.).

SPECIAL.

Conops nn. spp. South Africa. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (43-44).

Myopa tectura n. sp. North America. **Adams**, C. F. *l.c.* (35).

Oecomyia simillima n. sp. Südasien. **Meyere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (103).

Oncomyia propinqua n. sp. North America. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (32).

Zodion nn. spp. Western U. S. **Adams**, C. F. *l.c.* (33-35); *Z.* nn. spp. (nom. nud.). Arizona. **Snow**, F. H. *l.c.* **2**, 1904, (323-350).

SYRPHIDAE.

GENERAL.

Ketel, [K. F.] Die in Norddeutschland bisher beobachteten Schwebfliegen (*Syrphidae*). Tl 1. (3. Jahresber. des städt. Progymnasiums mit Realabt. zu Paserwalk von Ostern 1902 bis Ostern 1903.) Pasewalk (Druck v. H. Gnädig), 1903, (1-16). 25 cm.

Osburn, R. C. The Diptera of British Columbia. Second Part. The *Syrphidae*. Canad. Ent., Toronto, **36**, 1904, (213-220, 257-282).

SPECIAL.

Callieera yerburyi n. sp. Scotland. **Verrall**, G. H. Ent. Mag., London, **40**, 1904, (229).

Ceria trinitata n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (97).

Chilosia borealis n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1-78).

Criorhina tricolor n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1-78).

Helophilus caudatus n. sp. Aru-Isles. **Meijere**, J. C. H. de. Leiden, Notes Mus. Jentink, **24**, 1904, (177-178).

Microdon lanceolatum n. sp. Kansas. **Adams** in **Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (222); *M. metallicus* n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (98); *M. mutabilis*. **Ville-neuve**, J. Paris, Bul. soc. ent., **1903**, (125-127, 193-194, 212).

Milesia semifulva n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (99, pl. VIII, fig. 16).

Nausigaster scutellaris (nom. nud.) n. sp. **Adams**, C. F. in **Snow**, F. H. Lawrence, Kan. Univ. Sci. Bull., **2**, 1904, (323-350, 416).

Palaeoascia uniappendiculata† n. sp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (201-210).

Palaeosphegina elegantula† n. sp. Bernstein. **Meunier**, F. *l.c.* (201-210).

Platychirus nn. spp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1901, (1-78).

Rhingia cineta n. sp. Java. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1901, (101).

Sphex nasio biappeniculatus† n. sp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1901, (201-210).

Sphyrxomorphia snowi n. sp. (nom. nud.). Arizona. **Adams in Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1901, (323-350, 417).

Syrphus curvipeolatus† n. sp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1901, (201-210, mit 1 Taf.); *S. gracilis* n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1901, (1-78); *S. viridiceps* Macquart, a "parasite" of *Aphis persicae-niger*. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1901, (610, fig. 8).

Volucella ursina n. sp. Südasiens. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1901, (101).

Xanthandrus comtus, larval habits. **Chapman**, T. A. London, Trans. Ent. Soc., **1904**, (Proc. LXX).

Xylota pulchra† n. sp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1901, (201-210, mit 1 Taf.).

MUSCIDAE ACALYPTURATAE.

Asteia elegantula Zett., new to Britain. **Jenkinson**, F. Ent. Mag., London, **40**, 1901, (1).

Bischofia varia n. sp. Canada. **Coquillett**, D. W. Canad. Ent., Toronto, **36**, 1901, (12).

Bostrichomyia borealis n. sp. Norwegen. **Hendel**, F. Wien, Verh. Zool. Bot. Ges., **53**, 1903, (383-385).

Chlorops nn. spp. Western U. S. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (39-43); *C. halteralis* n. sp. (nom. nud.). Arizona. **Adams in Snow**, F. H. l. c. **2**, 1901, (323-350).

Diopsis nn. spp. South Africa. **Adams**, C. F. l. c. **2**, 1903, (15).

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Drosomyia picta n. sp. Java. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1901, (111, pl. VIII, figs. 30-31).

Elachiptera bilineata n. sp. Arizona. **Adams**, in **Snow**, F. H. Lawrence, Kan. Univ. Sci. Bull., **2**, 1901, (323-350, 153).

Ephydra riparia Fall., Anatomie und Entwicklung der Larve. **Trägårdh**, I. Ark. Zool., Stockholm, **1**, 1-2, 1903, (1-12, mit 1 Taf.).

Hippelates bilineatus n. sp. Java. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1901, (113, pl. VIII, figs. 27, 28); *H. splendens* n. sp. Wyoming. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1901, (153).

Hydrellia ranunculii, biologie et nocuité. **Marchal**, P. Paris, Bul. soc. ent., **1903**, (236-237, av. fig.).

Ictericia fasciata n. sp. (nom. nud.). Arizona. **Adams**, C. F. in **Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1901, (323-350); description, l. c. (119).

Limnia nn. spp. New Zealand. **Hutton**, Wellington, Trans. N. Zeal. Inst., **36**, 1901, (151-155).

Limosina nn. spp. Kansas. **Adams**, C. F. in **Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (211-223); *L.* nn. spp. Western U. S. **Adams**, C. F. l. c. **2**, 1901, (433-455).

Myrmomorpha rufescens n. sp. Südasiens. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1901, (113).

Oethera nantispa Lw., new to Britain. **Lamb**, C. G. Ent. Mag., London, **40**, 1901, (277).

Oeloparea glauca n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1901, (1-78).

Opomyza undescribed sp., habits. **Poynton**, Wellington, Trans. N. Zeal. Inst., **36**, 1901, (170-172).

Oscinis frit. **Tedin**, H. Sv. Utsädesf. Tidskr., Malmö, **12**, 1902, (150-158); attack on seed. **Nilsson Ehle**, H. l. c. (158-165).

Pachycerina dolorosa n. sp. Colorado. **Williston**, in **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (37).

Peletophila nn. spp. **Becker**, T. Zs. Hymenopter., Tschendorf, **4**, 1901, (129-133).

Periscelis annulata Fall., a Drosophilid new to Britain. **Lamb, C. G.** Ent. Mag., London, **40**, 1904, (277).

Platyparea poeciloptera, nocuité. **Giard, A.** Paris, C.-R. soc. biol., **55**, 1903, (907-910).

Pogonota kincaidi n. sp. Alaska. **Coquillett, D. W.** Alaska (Harriman Expedition), New York, **9**, 1904, (1-78).

Pseudeurina n. gen., *P. maculata* n. sp. Südasien. **Meijere, J. C. H. de.** Amsterdam, Bijdr. Dierk., **17-18**, 1904, (112, pl. VIII, figs. 21, 25).

Rhabdochaeta n. gen., *R. pulchella* n. sp. Java. **Meijere, J. C. H. de.** l.c. (109, pl. VIII, figs. 22, 23).

Rhagoletis cingulata. **Chittenden, F. H.** Washington, D.C., Bull. U. S. Dept. Agric. Div. Ent., No. **44**, 1901, (70-75, with text fig.); *R. suavis*. **Babb, G. F.** Philadelphia, Pa., Ent. News Acad. Nat. Sci., **13**, 1902, (242, with pl.).

Sapromyza compsella n. sp. Norwegen. **Hendel, F.** Wien, Verh. ZoolBot. Ges., **53**, 1903, (383-385); *S. obscura* n. sp. Java. **Meijere, J. C. H. de.** Amsterdam, Bijdr. Dierk., **17-18**, 1904, (111).

Scatella fallax n. sp. Oesterreich. **Czerny, L.** Wien, Verh. ZoolBot. Ges., **53**, 1903, (238-240); *S. setosa* n. sp. Alaska. **Coquillett, D. W.** Alaska (Harriman Expedition), New York, **9**, 1904, (1-78).

Scatophaga frigida n. sp. Alaska. **Coquillett, D. W.** Alaska (Harriman Expedition), New York, **9**, 1904, (1-78).

Scyphella pumilio n. sp. Java. **Meijere, J. C. H. de.** Amsterdam, Bijdr. Dierk., **17-18**, 1904, (113, pl. VIII, fig. 29).

Sepedon scapularis n. sp. South Africa. **Adams, C. F.** Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (46).

Sepsis jaranica n. sp. Java. **Meijere, J. C. H. de.** Amsterdam, Bijdr. Dierk., **17-18**, 1904, (107).

Spilographa cerasi, Lebensweise. **Sajó, K.** Prometheus, Berlin, **16**, 1901, (119-120).

Telropsis nitidus n. sp. South Africa. **Adams, C. F.** Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (46).

Teplitris melanotrichota n. sp. Norwegen. **Hendel, F.** Wien, Verh. ZoolBot. Ges., **53**, 1903, (383-385).

Tetanocera inopa n. sp. Washington. **Adams, C. F.** Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (118).

Turriger n. gen., verwandt mit *Drepanophora*, *T. frontalis* n. sp. **Kertész, K.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (73-75, mit 2 Textfig.).

Urellia nn. spp. (nom. nud.). Arizona. **Adams, C. F.** in **Snow, F. H.** Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (323-350); *U.* nn. spp. Western U. S. **Adams, C. F.** l.c. (451-452).

Xenaspis respoides n. sp. Südasien. **Meijere, J. C. H. de.** Amsterdam, Bijdr. Dierk., **17-18**, 1904, (107).

Zygaenula albofasciata n. sp. India. **Meijere, J. C. H. de.** l.c. (108, pl. VIII, fig. 21).

MUSCIDAE CALYPTRATAE.

GENERAL.

Schilling, A. Ueber die Tsetsekrankheit oder Nagana. Berlin, Arb. Gesundheitsamt, **21**, 1904, (176-536).

Stein, P. Beschreibung der amerik. Arten von *Anthomyiidae*. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (414-495).

SPECIAL.

Acemyia subrotunda: nuovo insetto endofago delle Cavallette. **Ribaga, C.** Bollettino di Entomologia agraria, Padova, **9**, 1902, (177-179).

Anacamptomyia n. gen., *A. africana* n. sp. Kapland. **Bischof, J.** Wien, Verh. ZoolBot. Ges., **54**, 1904, (79-81).

Amanta lateralis Meig., étude. **Ville-neuve, J.** Paris, Bul. soc. ent., **1903**, (125-127, 193-194, 212).

Anthomyia albicincta Fall., *A. radicum* L., faunistisch. **Stein, P.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (482); *A. mystacea* n. sp. Alaska. **Coquillett, D. W.** Alaska (Harriman Expedition), New York, **9**, 1904, (1-78); *A. spreata*, larval habits.

Chapman, T. A. London, Trans. Ent. Soc., 1904, (Proc. XLVIII).

Antistasea n. gen., *A. fimbriata* n. sp. Kapland. **Bischof**, J. Wien, Verh. ZoolBot. Ges., 54, 1904, (82-83).

Aricia Rob. Desv., synopt. Übersicht der amerikanischen Arten, *A. chlorogaster* Big. ♀, *A. serva* ♂ ♀ Mg., Beschreibung; nn. spp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (115-128).

Auchmeromyia luteola, larva as an ectoparasite of man. **Lelean**, P. S. Brit. Med. J., London, 1904, 1, (215): *A. luteola*? larval habits. **Christy, Dutton**, and **Todd**. *l.c.* 2, (664-666).

Azeli ciliipes Hal. ♂, faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (158).

Calliphora cockaynei n. sp. **Hutton**. Wellington, Trans. N. Zeal. Inst., 36, 1904, (155).

Chirosia glauca n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, 9, 1904, (1-78).

Chortophila cilicrura Rnd., faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (181-182).

Clinopera v. *Spilogaster*.

Coelomyia subpellucens Zeit., faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (158).

Coenosia Mg., synopt. Übersicht der amerikanischen Arten; *C. ausoba* Wlk., *C. calopyga* Lw., faunistisch; *C. insignis* Stein, weitere Charaktere; nn. spp. **Stein**, P. *l.c.* (182-193); *C. tumidiventris* n. sp. Java. **Stein**, P. 's Gravenhage, Tijdschr. Ent., 47, 1904, (112).

Deuctia n. gen., *D. atra* n. sp. Kapland. **Bischof**, J. Wien, Verh. ZoolBot. Ges., 54, 1904, (95-97).

Empheromyia n. gen., *E. atra* n. sp. Brasilien. **Bischof**, J. *l.c.* (87-88).

Epalpus, Notizen von mehreren Arten; nn. spp. Peru, Brasilien, etc. **Bischof**, J. *l.c.* (90-93).

Galapagomyia n. nom. = *Microcella* B. & B. nec. Macq.; *G. rufomaculata* n. nom. **Bischof**, J. *l.c.* (97).

(S 2-5658)

Glossina, larvae, habits, notes. **Austen**, E. E. Brit. Med. J., London, 1904, 2, (658-662); *Lancet*, 1904, 2, (161-165); *G.*, revision of characters, and synonymy. **Austen**, E. E. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (151-155); *G.*, Systematik, Verbreitung. **Lichtwardt**, B. und **Grünberg**, K. Beitr. KolPolit., Berlin, 4, 1902-03, (263-271, mit 1 Taf.); *G.* and transmission of sleeping sickness. **Sambon**, L. W. Brit. Med. J., London, 1904, 1, (696-697).

Haematobia exigua n. sp. Java. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., 17-18, 1904, (104).

Homalomyia Behé, synopt. Übersicht der amerikanischen Männchen; *H. dasyops* Stein, *H. heylenii* Wied., *H. abnormis* Stein, *H. obscurinervis* Stein, Beschreibung; *H. canicularis* L., *H. ornata* Mg., *H. penicillaris* Stein, *H. scalaris* F., faunistisch; nn. spp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (152-158); *H. flavivaria* n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, 9, 1904, (1-78).

Hydrophoria hilariformis Stein, *H. socialis* Stein, faunistisch; *H. dectaria* ♂ n. sp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (174-176).

Hydrotaca pilipes Stein from the Forth district. **Grimshaw**, P. H. Ann. Scot. Nat. Hist., Edinburgh, 1904, (158-160); *H. succedens* ♀ Wlk., faunistisch; *H. villosa* ♂ ♀ n. sp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (151).

Hytodesia nn. spp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, 9, 1904, (1-78).

Hylemyia nn. spp. Alaska. **Coquillett**, D. W. *l.c.* (1-78); *H. aleathoe* Wlk., *H. testacea* Stein, faunistisch; *H. limbinervis* Macq., *H. punctipennis* Wied., Charaktere, *H. lindigii* Stein, Beschreibung; nn. spp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (478-481).

Iasiops calvianus n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, 9, 1904, (1-78); *L. crenatus* Big., faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (482).

Limnophora nn. spp. Java. **Stein**, P. 's Gravenhage, Tijdschr. Ent., **47**, 1904, (106-108); *L. Rob.* Desv. synopt. Übersicht der amerikanischen Arten; *L. narona* Wlk., *L. areolata* Stein, *L. acquifrons* Stein, faunistisch; *L. sacra* Wied., *L. normata* Big., *L. nobilis* Stein, *L. corvina* G. T., *L. deleta* Wulp, *L. garula* G. T., Beschreibung; nn. spp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (459-473).

Lispa, Monograph of palaearctic spp.; 9 nn. spp. **Becker**, T. Zs. Ent., Breslau, (N.F.), **29**, 1904, (1-70); *L. scriptipalpis* n. sp. Java. **Stein**, P. 's Gravenhage, Tijdschr. Ent., **47**, 1904, (110); *L. soeabilis* Lw., faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (174).

Musca domestica as disseminator of disease. **Austen**, E. E. J. R. Army Med. Corps, London, **1904**, (1-16, with 1 pl.); *M. modesta* n. sp. Java. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (106).

Myopina appendiculata ♀ ♂ n. sp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (473-474).

Ophyra aenescens Wied., *O. leucostoma* Wied., faunistisch; *O. coerulea* Mg., *O. cutilia* Wlk., Beschreibung. **Stein**, P. l.c. (451-452).

Paraetolylga n. gen., *P. metopia* n. sp. Brasilien. **Bischof**, J. Wien, Verh. ZoolBot. Ges., **54**, 1904, (83-84).

Paraphyto borealis n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1-78).

Pegomyia univittata Big., faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (481).

Phorbia biciliata n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1-78).

Phorocera, revision of N. Zeal. spp.; 6 nn. spp. **Hutton**. Wellington, Trans. N. Zeal. Inst., **36**, 1904, (150-153).

Pogonomyia sp.?, faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904 (129).

Polychnomyia n. gen., *P. flavohalterata* n. sp. Kapland. **Bischof**, J. Wien, Verh. ZoolBot. Ges., **54**, 1904, (85-86).

Pseudoformia pauper n. sp. Halmheira. **Meijere**, J. C. H. de. Leiden, Notes Mus. Jentink, **24**, 1904, (177-178).

Ptilogonia n. gen., *P. neotropica* n. sp. Brasilien. **Bischof**, J. Wien, Verh. ZoolBot. Ges., **54**, 1904, (94-95).

Sarcophaga. **Kramer**, H. Zs. Hymenopter., Tschendorf, **4**, 1904, (347-349).

Schoenomyza nn. spp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (493-495).

Spilogaster nn. spp. Java. **Stein**, P. 's Gravenhage, Tijdschr. Ent., **47**, 1904, (90-105); *S. Mcq.*, synopt. Übersicht der amerikanischen Arten; *S. spiloptera* Wied. ♀, *S. (Clinopera) pterostyma* ♀ Wulp, *S. pocciloptera* ♀ Schin., *S. monacha* Schin., *S. maculipennis* Wlk. ♂ ♀, *S. arenata* Wied. ♂, *S. adelpha* Schin., ♂ ♀, Beschreibung; *S. obscuripes* Zeit, *S. lucorum*, Fall, *S. anceps* Zeit, faunistisch, nn. spp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (430-449).

Trichopticus spiniger ♂ ♀ n. sp. **Stein**, P. l.c. (428-429).

OESTRIDAE.

Cephenomyia rufibarbis and *Hypoderma diana*, habits. **Yerbury**, J. W. London, Trans. Ent. Soc., **1904**, (LXVIII).

Cuterebra grisea n. sp. Canada. **Coquillett**, D. W. Canad. Ent., Toronto, **36**, 1904, (11-12).

Dermatobia hominis, development. **Ward**, H. B. Mark Anniversary Volume, New York, N.Y., 1903, [483]-513, with 2 pls.).

Rhinoestrus hippopotami n. sp. **Grünberg**, K. In: F. Bauer, Die deutsche Niger-Benué-Tsadsee-Expedition. Berlin, 1904, (170-174).

PUPIPARA.

HIPPOBOSCIDAE.

GENERAL.

Speiser, P. Typenuntersuchungen an Hippobosciden. Zs. Hymenopter., Tschendorf, **4**, 1904, (82-89).

SPECIAL.

Lipoptena chalcomelaena n. sp.
Speiser, P. Zs. Hymenopter., Teschen-
dorf, 4, 1901, (178).

Lynchia brunnea Oliv., systematisch.
Speiser, P. Ann. Hist.-Nat. Mus. Nat.
Hung., Budapest, 2, 1904, (388-389).

Olfersia macleayi Leach., systema-
tisch; 2 nn. sp. **Speiser, P.** l.c. 386-
390.

Ornithesa odontoseclis n. sp. **Speiser,**
P. l.c. (392-393); *O. pallipes* n. sp.
Speiser, P. Zs. Hymenopter., Teschen-
dorf, 4, 1901, (177).

Ornithomyia chilensis n. sp. Chili.
Reed, E. C. Rev. chilena, Valparaiso,
8, 1901, (152-153); *O. perfuga* **Speiser,**
faunistisch. **Speiser, P.** Ann. Hist.-Nat.
Mus. Nat. Hung., Budapest, 2, 1901,
(391).

Ornithopertha anthracina n. sp.
Speiser, P. l.c. (393).

Ortholfersia macleayi (Leach), Be-
schreibung. **Speiser, P.** l.c. (390-391).

Stilbometopa podopostyla n. sp.
Speiser, P. l.c. (394-395).

NYCTERIBIIDAE.

Basilis n. gen., *B. ferruginea* n. sp.
Miranda-Ribeiro, A. de. Arch. Mus.,
Rio de Janeiro, 12, 1903, (175-179).

Nycteribia pteropus n. sp. **Rainbow,**
W. J. Sydney, N.S.W., Rec. Austr.
Mus., 5, 1904, (78, 79, with 1 pl.).

LIST OF NEW GENERA AND SPECIES.

ACARTERUS [Empidæ].

— *pallipes*. **Bezzi.** 14.

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— *leucopygos*. **Eysell.** 38.

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— *africana*. **Bischof.** 17.

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— *johnsoni*. **Back.** 8.

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— *costalis* var. *melas* n. var.
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— *mystacea*. **Coquillett.** 32.

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— *harveyi*. **Hine.** 61.

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— *basinicta*. **Stein.** 149.

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— *flavidicincta*. **Stein.** 149.

— *flavithorax*. **Stein.** 149.

— *latinervis*. **Stein.** 149.

— *mellina*. **Stein.** 149.

— *orbitalis*. **Stein.** 149.

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— *pulvillata*. **Stein.** 149.

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Ribeiro. 107.

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— *obscuripennis*. **Meijere.** 106.

BISCHOFIA [Muscidæ Acalypttratae].

— *varia*. **Coquillett.** 31A.

BOLETINA [Mycetophilidæ].

— *abdominalis*. **Adams.** 1.

— *inops*. **Coquillett.** 32.

BOSTRICOPYGA [Muscidæ Acalypttratae].

— *borealis*. **Hendel.** 59.

BRADYSIA [Mycetophilidæ].

— *agilis*†. **Meunier.** 101.

— *curiosa*†. **Meunier.** 101.

— *electra*†. **Meunier.** 101.

— *infernalis*†. **Meunier.** 101.

— *morosoides*†. **Meunier.** 101.

— *umbrosa*†. **Meunier.** 101.

Bryocrypta† n. gen. [Cecidomyidæ].
Meunier. 101.

— *capitosa*†. **Meunier.** 101.

— *elegantula*†. **Meunier.** 101.

— *fagioides*†. **Meunier.** 101.

— *girafa*†. **Meunier.** 101.

— *vetusta*†. **Meunier.** 101.

CALLICERA [Syrphidæ].

— *yerburyi*. **Verrall.** 160, 161.

CALLIPHORA [Muscidæ Calypttratae].

— *cockaynei*. **Hutton.** 71.

- CAMPTOMYIA [Cecidomyiidae].
 ——— *sinuosa*†. Meunier. 101.
- CAMPYLOMYZA [Cecidomyiidae].
 ——— *crassitarsis*†. Meunier. 101.
- Catageiomyia n. gen. [Culicidae].
 ——— Theobald. 156.
 ——— *senegalensis*. Theobald. 156.
- CECIDOMYIA [Cecidomyiidae].
 ——— *peroculta*. Cockerell. 26.
- Cerato† n. gen. [Mycetophilidae].
 ——— Meunier. 101.
 ——— *longipalpis*†. Meunier. 101.
- CERATOPOGON [Chironomidae].
 ——— *arcticus*. Coquillett. 32.
 ——— *cilipes*. Coquillett. 32.
 ——— *dimidiatus*. Adams. 1.
 ——— *hirtulus*. Coquillett. 32.
- Ceraturgopsis n. gen. [Asilidae]. John-
 son. 73.
- CERIA [Syrphidae].
 ——— *trinotata*. Meijere. 106.
- CEROPLATUS [Mycetophilidae].
 ——— *apicalis*. Adams. 1.
- CHASMATONOTUS [Chironomidae].
 ——— *univittatus*. Coquillett. 32.
- CHERSODROMIA [Empidae].
 ——— *lutescens*. Bezzi. 14.
- CHILOSIA [Syrphidae].
 ——— *borealis*. Coquillett. 32.
- CHIROSLIA [Muscidae Calyptratae].
 ——— *glauca*. Coquillett. 32.
- CHILOROPS [Muscidae Acalyptratae].
 ——— *albifascies*. Adams. 1.
 ——— *appropinqua*. Adams. 1.
 ——— *bilineata*. Adams. 1.
 ——— *cinerapennis*. Adams. 1.
 ——— *halteralis*. Adams. 1.
 ——— *liturata*. Adams. 1.
 ——— *palpalis*. Adams. 1.
 ——— *parva*. Adams. 1.
 ——— *recurva*. Adams. 1.
 ——— *rubicunda*. Adams. 1.
- CHRYSONOTUS [Stratiomyidae].
 ——— *albipes*. Adams. 1.
- CHRYSOPILA [Leptidae].
 ——— *bella*. Adams. 2.
 ——— *flavibarbis*. Adams. 2.
 ——— *lucifera*. Adams. 2.
 ——— *simplex*. Meijere. 106.
- CHRYSOPS [Tabanidae].
 ——— *brimleyi*. Hine. 60.
 ——— *fulvistigma*. Hine. 60.
 ——— *lupus*. Whitney. 170.
 ——— *pikei*. Whitney. 170.

- CLINOCERA [Empidae].
 ——— *microstigma*. Bezzi. 13.
- Clytocyclus n. gen. [Psychodidae]. Eaton.
 37.
- COENOSIA [Muscidae Calyptratae].
 ——— *compressa*. Stein. 149.
 ——— *declivis*. Stein. 149.
 ——— *genupuncta*. Stein. 149.
 ——— *lineata*. Stein. 149.
 ——— *nigrohalterata*. Stein. 149.
 ——— *pilosa*. Stein. 149.
 ——— *recedens*. Stein. 149.
 ——— *tumidiventris*. Stein. 150.
 ——— *vittifera*. Stein. 149.
- COLOBONEURA [Empidae].
 ——— *argyropalpa*. Bezzi. 14.
- COLPODIA [Cecidomyiidae].
 ——— *brevicornis*†. Meunier. 101.
 ——— *curvinervis*†. Meunier. 101.
 ——— *xylophaga*†. Meunier. 101.
- CONCHYLIASTES [Culicidae].
 ——— *varipes*. Coquillett. 31a.
- CONOPS [Conopidae].
 ——— *bellus*. Adams. 1.
 ——— *fumipennis*. Adams. 1.
 ——— *semifumosus*. Adams. 1.
- CORETHRA [Culicidae].
 ——— *ceratopogones*. Theobald.
 155.
 ——— *indica*. Giles. 46.
 ——— *karnerensis*. Felt. 39.
 ——— *luntneri*. Felt. 39.
- CORYNOPTERA [Mycetophilidae].
 ——— *dubia*†. Meunier. 101.
- CRIORHINA [Syrphidae].
 ——— *tricolor*. Coquillett. 32.
- CULEX [Culicidae].
 ——— *abfitehii*. Felt. 39.
 ——— *abserratus*. Felt and Young.
 40.
 ——— *abserrimus*. Felt. 39.
 ——— *affinis*. Adams. 1, 142.
 ——— *anarmostus*. Theobald. 155.
 ——— *annulioris* var. *gambiensis*
 n. var. Theobald. 155.
 ——— *apicalis*. Adams. 1, 142.
 ——— *cinereoborealis*. Felt and
 Young. 40.
 ——— *dupreci*. Coquillett. 31a.
 ——— *euctastus*. Theobald. 155.
 ——— *fitchii*. Felt and Young. 40.
 ——— *lazarensis*. Felt and Young.
 40.
 ——— *luteolateralis* var. *pallida* n.
 var. Theobald. 156.
 ——— ——— var. *albothorax*
 n. var. Theobald. 156.

CULEX [Culicidae].

- *maquippensis*. Felt. 39.
 — *onondajensis*. Felt. 39.
 — *particeps*. Adams. 1, 112.
 — *pens* n. nom. Speiser. 147.
 — *siphonalis*. Grossbeck. 56.
 — *tenuiorhynchoides*. Giles. 49.
 — *thalassius*. Theobald. 155.

CULICADA n. gen. [Culicidae]. Felt. 39.

CULICELLA n. gen. [Culicidae]. Felt. 39.

CULICELSA n. gen. [Culicidae]. Felt. 39.

CULISETA n. gen. [Culicidae]. Felt. 39.

CUTEREBRA [Oestridae].

- *grisea*. Coquillett. 31A.

CYLINDROTOMA [Tipulidae].

- *juncta*. Coquillett. 32.

DANIELSIA n. gen. [Culicidae]. Theobald. 157.

- *albotenaiata*. Leicester. 157.

DASYLLIS [Asilidae].

- *einerea*. Back. 8.
 — *fernaldi*. Back. 8.

DESVOIEA [Culicidae].

- *fusea* var. *joloensis* n. var.
 Ludlow. 96.

DEWETIA n. gen. [Muscidae Calyptratae].
 Bischof. 17.

- *atra*. Bischof. 17.

DIADOCIDIA [Mycetophilidae].

- *borealis*. Coquillett. 32.

DICHELACERA [Tabanidae].

- *grandis*. Ricardo. 119.

DICRANOMYIA [Tipulidae].

- *kobusi*. Meijere. 106.

DICRONEURUS [Cecidomyiidae].

- *elegantulus*†. Meunier. 101.
 — *magnificus*†. Meunier. 101.

DIOPSIS [Muscidae Acalyptratae].

- *affinis*. Adams. 1.
 — *pollinosus*. Adams. 1.

DIPLOSIS [Cecidomyiidae].

- *coloradella*. Cockerell. 26.

DIZONIAS [Asilidae].

- *pilatei*. Johnson. 73.

DOLICHOPUS [Dolichopidae].

- *barycnemus*. Coquillett. 32.
 — *laticola*. Verrill. 160.
 — *raripeis*. Coquillett. 32.

DRAPETIS [Empididae].

- *biamata*. Bezzi. 14.
 — *callosotibia*. Bezzi. 14.
 — *ciliatocosta*. Bezzi. 14.

DRAPETIS [Empididae].

- *discoidalis*. Bezzi. 14.
 — *divergens*. Bezzi. 14.
 — *gracilis*. Bezzi. 14.
 — *obscuripennis*. Bezzi. 14.
 — *rubrithorax*. Bezzi. 11.
 — *xanthopyga*. Bezzi. 14.

DROSOMYIA [Muscidae Acalyptratae].

- *picta*. Meijere. 106.

ECCULEX n. gen. [Culicidae]. Felt. 39.

ELACHIPTERA [Muscidae Acalyptratae].

- *bilineata*. Adams. 2.

ELAPHIROPEZA [Empididae].

- *basalis*. Bezzi. 14.
 — *bicolor*. Bezzi. 14.
 — *metatarsata*. Bezzi. 14.
 — *spuria*. Bezzi. 14.

EMIPHERMYIA n. gen. [Muscidae Calyptratae].
 Bischof. 17.

- *atra*. Bischof. 17.

EMPIS [Empididae].

- *brachysoma*. Coquillett. 32.
 — *ceylonica*. Bezzi. 14.
 — *clauda*. Coquillett. 32.
 — *conjuneta*. Coquillett. 32.
 — *cyaneescens*. Bezzi. 14.
 — *fumida*. Coquillett. 32.
 — *hilaraeformis*. Bezzi. 14.
 — *infumata*. Coquillett. 32.
 — *pellucida*. Coquillett. 32.
 — *papuana*. Bezzi. 14.
 — *triangula*. Coquillett. 32.

ETALPUS [Muscidae Calyptratae].

- *bolirianus*. Bischof. 17.
 — *brunneipennis*. Bischof. 17.
 — *callargannus*. Bischof. 17.
 — *flavoscutellatus*. Bischof. 17.
 — *fuscanipennis*. Bischof. 17.
 — *indigiti*. Bischof. 17.
 — *haltereri*. Bischof. 17.
 — *semiater*. Bischof. 17.
 — *semiflavus*. Bischof. 17.

EPIDOSIS [Cecidomyiidae].

- *gibbosa*†. Meunier. 101.
 — *minuta*†. Meunier. 101.
 — *noduliformis*†. Meunier. 101.
 — *titania*†. Meunier. 101.

ERIOCERA [Tipulidae].

- *nigripennis*. Meijere. 106.

EUDMETA [Stratiomyidae].

- *brunnea*. Meijere. 106.

- EUPARYPHUS [Stratiomyidae].
 ——— *albipilosus*. Adams. 1, 142.
 ——— *limbrocutris*. Adams. 1.
 ——— *mutabilis*. Adams. 1.
 ——— *obliquus*. Hine. 61.
 ——— *septem-maculatus*. Adams. 1.

- FINLAYIA [Culicidae].
 ——— *albipes*. Giles. 49.
 ——— *flavipennis*. Giles. 49.
 ——— *melanoptera*. Giles. 49.

- FRIRENIA [Cecidomyiidae].
 ——— *eocenica*†. Meunier. 101.

- GALOPAGOMYIA n. nom. [Muscidae Calyptratae].
 ——— *rufomaculata* n. nom. Bischof. 17.

- GLOMA [Empidae].
 ——— *scopifera*. Coquillett. 32.

- GRABHAMIA [Culicidae].
 ——— *deniedmannii*. Ludlow. 96.

- HAEMATOBIA [Muscidae Calyptratae].
 ——— *exigua*. Meijere. 106.

- HALSANELOTES [Empidae].
 ——— *setifrons*. Bezzi. 14.

- HEERIELLA† n. gen. [Mycetophilidae].
 ——— Meunier. 101.
 ——— *bifurcata*†. Meunier. 101.

- HELOPHILUS [Syrphidae].
 ——— *eaudatus*. Meijere. 106.

- HERMETIA [Stratiomyidae].
 ——— *fenestrata*. Meijere. 106.
 ——— *lacta*. Meijere. 106.

- HETEROPEZA [Cecidomyiidae].
 ——— *pulchella*†. Meunier. 101.

- HILARA [Empidae].
 ——— *aurata*. Coquillett. 32.

- HIPPELATES [Muscidae Acalyptratae].
 ——— *bilineatus*. Meijere. 106.
 ——— *splendens*. Adams. 2.

- HOMALOMYIA [Muscidae Calyptratae].
 ——— *flavimicta*. Stein. 149.
 ——— *flavivaria*. Coquillett. 32.
 ——— *hirtifemur*. Stein. 149.

- HOWARDINA [Culicidae].
 ——— *himalayana*. Giles. 50.

- HULECOETEOMYIA n. gen. [Culicidae].
 ——— Theobald. 157.
 ——— *trilineata*. Leicester. 157.

- HYEOS [Empidae].
 ——— *bisetosus*. Bezzi. 14.
 ——— *brachystigma*. Bezzi. 14.
 ——— *pollinosus*. Bezzi. 14.

- HYDROPHORIA [Muscidae Calyptratae].
 ——— *dexiaria*. Stein. 149.

- HYDROTAEA [Muscidae Calyptratae].
 ——— *villosa*. Stein. 149.

- HYETODESIA [Muscidae Calyptratae].
 ——— *varipes*. Coquillett. 32.
 ——— *villierura*. Coquillett. 32.

- HYLEMYIA [Muscidae Calyptratae].
 ——— *eoenosiaceformis*. Stein. 149.
 ——— *simpla*. Coquillett. 32.
 ——— *spinulamellata*. Stein. 149.
 ——— *spinicentris*. Coquillett. 32.

- ICTERICA [Muscidae Acalyptratae].
 ——— *fasciata*. Adams. 2.

- LASIOCONOPS n. gen. [Culicidae]. Theobald. 155.
 ——— *poecilipes*. Theobald. 155.

- LASIOPS [Muscidae Calyptratae].
 ——— *caivierura*. Coquillett. 32.

- LEDOMYIELLA n. gen. [Cecidomyiidae].
 ——— Meunier. 101.

- *crassipes*†. Meunier. 101.
 ——— *eocenica*†. Meunier. 101.
 ——— *pygmaea*†. Meunier. 101.
 ——— *rotundata*†. Meunier. 101.
 ——— *succini*†. Meunier. 101.

- LEICESTERIA n. gen. [Culicidae]. Theobald. 157.
 ——— *longipalpis*. Leicester. 157.

- LEPTIS [Leptidae].
 ——— *palpalis*. Adams. 2.
 ——— *pleuralis*. Adams. 2.

- LEPTOPEZA [Empidae].
 ——— *bimaculata*. Bezzi. 14.
 ——— *pulehervima*. Bezzi. 14.
 ——— *tachydromiaeformis*. Bezzi. 14.

- LESTREMIA [Cecidomyiidae].
 ——— *pinites*†. Meunier. 101.

- LIMNIA [Muscidae Acalyptratae].
 ——— *castanea*. Hutton. 70.
 ——— *striata*. Hutton. 70.

- LIMNOPHORA [Muscidae Calyptratae].
 ——— *aterrima*. Stein. 149.
 ——— *atra*. Stein. 149.
 ——— *atrisquama*. Stein. 149.
 ——— *atrorittata*. Stein. 149.
 ——— *compressifrons*. Stein. 149.
 ——— *marginata*. Stein. 149.
 ——— *nigripennis*. Stein. 150.
 ——— *pauciseta*. Stein. 149.
 ——— *prominens*. Stein. 150.

LIMOSINA [Muscidae Acalyptratae].

- *atra*. Snow. 111.
 — *exigua*. Adams. 2.
 — *occidentalis*. Adams. 2.
 — *setigera*. Snow. 141.
 — *sordipes*. Adams. 1.

LIPOPTENA [Hippoboscidae].

- *chaleomelaena*. Speiser. 145.

LISPA [Muscidae Calyptratae].

- *bohémica*. Becker. 11.
 — *brunnica*. Becker. 11.
 — *cinifera*. Becker. 11.
 — *cochlearia*. Becker. 11.
 — *comitata*. Becker. 11.
 — *flavirivris*. Becker. 11.
 — *odessae*. Becker. 11.
 — *persica*. Becker. 11.
 — *sericipalpis*. Stein. 150.
 — *seticincta*. Becker. 11.

Logima n. gen. [Psychodidae]. Eaton.
37.

Lophoscelomyia n. gen. [Culicidae].

- Theobald. 157.
 — *asiatica*. Leicester. 157.

MACROCERA [Mycetophilidae].

- *diluta*. Adams. 1.

MEGARHINUS [Culicidae].

- *lewaldi*. Ludlow. 96.

METRIOCNEMUS [Chironomidae].

- *knabi*. Coquillett. 31A.

MICRODON [Syrphidae].

- *lanecolatum*. Snow. 141.
 — *metallicus*. Meijere. 106.

MICROPHORUS [Empididae].

- *atratus*. Coquillett. 32.
 — *crocatus*. Coquillett. 32.
 — *flavipilosus*. Coquillett. 32.

MILESIA [Syrphidae].

- *semifulva*. Meijere. 106.

MIMOMYIA [Culicidae].

- *chamberlaini*. Ludlow. 96.

MONARDIA [Cecidomyiidae].

- *submonilifera*†. Meunier.
101.

MUSCA [Muscidae Calyptratae].

- *modesta*. Meijere. 106.

MYCETOBYIA [Mycetophilidae].

- *marginalis*. Adams. 1.

MYDAS [Mydidae].

- *abdominalis*. Adams. 2.

MYOPA [Conopidae].

- *tectura*. Adams. 1.

MYOPINA [Muscidae Calyptratae].

- *appendiculata*. Stein. 149.

MYRMEMORPIA [Muscidae Acalyptratae].

- *rufescens*. Meijere. 106.

MYZOMYIA [Culicidae].

- *thorntonii*. Ludlow. 95.

NAUSIGASTER [Syrphidae].

- *scutellaris*. Adams. 2.

NEMOTELUS [Stratiomyidae].

- *abdominalis*. Snow. 141.
 — *arator*. Melander. 99.
 — *bellulus*. Melander. 99.
 — *bruesii*. Melander. 99.
 — *kansensis*. Adams. 1.
 — *trinitatus*. Melander. 99.
 — *wheeleri*. Melander. 99.

NEOEMPHERIA [Mycetophilidae].

- *kincaidi*. Coquillett. 32.

NEOGLAPHYROPTERA [Mycetophilidae].

- *cuncola*. Adams. 1.
 — *lincola*. Adams. 1.

NYCTERIBIA [Nycteribiidae].

- *pteropus*. Rainbow. 116.

OCCENYIA [Conopidae].

- *simillima*. Meijere. 106.

OEDOPAREA [Muscidae Acalyptratae].

- *glauca*. Coquillett. 32.

OLFERISIA [Hippoboscidae].

- *aeromialis*. Speiser. 143.
 — *dioxyrhina*. Speiser. 143.

ONCOMYIA [Conopidae].

- *propinqua*. Adams. 1.

ORNITHEZA [Hippoboscidae].

- *odontoscelis*. Speiser. 143.
 — *pallipes*. Speiser. 145.

Ornithodes n. gen. [Tipulidae].

- Coquillett. 32.
 — *harrimani*. Coquillett. 32.

ORNITHOMYIA [Hippoboscidae].

- *chilensis*. Reed. 117.

ORNITHOPTERHA [Hippoboscidae].

- *anthracina*. Speiser. 143.

Orthopodomomyia n. gen. [Culicidae].

- Theobald. 157.
 — *albipes*. Leicester. 157.

OSPRIOCERUS [Asilidae].

- *albifasciatus*. Baek. 8.

PACHY CERINA [Muscidae Acalyptratae].

- *dolorosa*. Adams. 1.

PACHYRHINA [Tipulidae].

- *dimidiata*. Meijere. 106.
 — *dorsalis*. Meijere. 106.
 — *fallax*. Meijere. 106.
 — *scurroides*. Meijere. 106.

- PALAEOASCIA** [Syrphidae].
 ——— *uniappendiculata*†. Meunier. 102.
- PALAEOCOLPODIA**† n. gen. [Cecidomyiidae].
 Meunier. 101.
 ——— *cocenica*†. Meunier. 101.
- PALAEOGNORISTE**† n. gen. [Mycetophilidae].
 Meunier. 101.
 ——— *seiariforme*†. Meunier. 101.
- PALAEOHETEROTRICHA**† n. gen. [Mycetophilidae].
 Meunier. 101.
 ——— *grandis*†. Meunier. 101.
- PALAEOSPHEGINA** [Syrphidae].
 ——— *elegantula*†. Meunier. 102.
- PARACHETOLYGA** n. gen. [Muscidae Calyptratae].
 Bischof. 17.
 ——— *metopia*. Bischof. 17.
- PARAPHYTO** [Muscidae Calyptratae].
 ——— *borealis*. Coquillett. 32.
- PEDITIA** [Tipulidae].
 ——— *magnifica*. Hine. 62.
- PELETOPHILA** [Muscidae Acalyptratae].
 ——— *minima*. Becker. 10.
 ——— *quadrinotata*. Becker. 10.
- PHILOSEPEDON** n. gen. [Psychodidae].
 Eaton. 37.
- PHORBIA** [Muscidae Calyptratae].
 ——— *biciliata*. Coquillett. 32.
- PHOROCERA** [Muscidae Calyptratae].
 ——— *casta*. Hutton. 69.
 ——— *eritiosa*. Hutton. 69.
 ——— *fulvipes*. Hutton. 69.
 ——— *inconspicua*. Hutton. 69.
 ——— *tecta*. Hutton. 69.
- PTHIRIA** [Bombyliidae].
 ——— *aldrichi*. Johnson. 74.
 ——— *cyanocephs*. Johnson. 74.
 ——— *quinenotata*. Johnson. 74.
- PIFUSCULUS** [Pipunculidae].
 ——— *fuscitarsis*. Adams. 1.
 ——— *nigricornis*. Adams. 1.
- PLATYCHIRUS** [Syrphidae].
 ——— *aeratus*. Coquillett. 32.
 ——— *tenebrosus*. Coquillett. 32.
- PLATYPALPUS** [Empidae].
 ——— *diversipes*. Coquillett. 32.
 ——— *gilvipes*. Coquillett. 32.
- PLECIA** [Bibionidae].
 ——— *borussica*†. Meunier. 103.
 ——— *lugubris*. Meijere. 106.
- POGONOTA** [Muscidae Acalyptratae].
 ——— *kincaidi*. Coquillett. 32.
- POLYCHNOMYIA** n. gen. [Muscidae Calyptratae].
 Bischof. 17.
 ——— *flavohalterata*. Bischof. 17.
- PROTOCULEX** n. gen. [Culicidae].
 Felt. 39.
- PSELLIOPHORA** [Tipulidae].
 ——— *insignis*. Meijere. 106.
 ——— *nigrithorax*. Meijere. 106.
 ——— *stigmatica*. Meijere. 106.
- PSEUDEURINA** n. gen. [Muscidae Acalyptratae].
 Meijere. 106.
 ——— *maculata*. Meijere. 106.
- PSEUDOFORMIA** [Muscidae Calyptratae].
 ——— *pauper*. Meijere. 105.
- PSILOCEPHALA** [Therevidae].
 ——— *acuta*. Adams. 141.
 ——— *lateralis*. Adams. 2.
 ——— *occipitalis*. Adams. 2.
- PTECTICUS** [Stratiomyidae].
 ——— *tricolor*. Meijere. 106.
- PTILOGONIA** n. gen. [Muscidae Calyptratae].
 Bischof. 17.
 ——— *neotropica*. Bischof. 17.
- PTILOPHYLLODROMIA** n. gen. [Empidae].
 ——— Bezzi. 14.
 ——— *birói*. Bezzi. 14.
- RHABDOCHAETA** n. gen. [Muscidae Acalyptratae].
 Meijere. 106.
 ——— *pulchella*. Meijere. 106.
- RHABDOPIAGA** [Cecidomyiidae].
 ——— *porterae*. Cockerell. 26.
- RHAMPHOMYIA** [Empidae].
 ——— *adversa*. Coquillett. 32.
 ——— *albopilosa*. Coquillett. 32.
 ——— *anfractuosa*. Bezzi. 13.
 ——— *anthracodes*. Coquillett. 32.
 ——— *atrata*. Coquillett. 32.
 ——— *barypoda*. Coquillett. 32.
 ——— *chinoptera*. Bezzi. 13.
 ——— *cinefaeta*. Coquillett. 32.
 ——— *cineracea*. Coquillett. 32.
 ——— *disparilis*. Coquillett. 32.
 ——— *glauca*. Coquillett. 32.
 ——— *limata*. Coquillett. 32.
 ——— *maerura*. Coquillett. 32.
 ——— *nubigena*. Bezzi. 13.
 ——— *pokornyj*. Bezzi. 13.
 ——— *villipes*. Coquillett. 32.
- RHINGIA** [Syrphidae].
 ——— *eincta*. Meijere. 106.
- RHINOESTRUS** [Oestridae].
 ——— *hippopotami*. Grünberg. 57A.
- RHIPIDIA** [Rhyphidae].
 ——— *pulchra*. Meijere. 106.

- RHYPHLOPHUS** [Tipulidae].
 ——— *glareolus*. Coquillett. 32.
RHYPHUS [Rhyphidae].
 ——— *splendilus*]. Meunier. 103.
 ——— *thirinus*]. Meunier. 103.
ROSAPHIA [Stratiomyidae].
 ——— *bimaculata*. Meijere. 106.
RUNCHOMYIA [Culicidae].
 ——— *philippinensis*. Giles. 49.
SAPROMYZA [Muscidae Acalyptratae].
 ——— *compella*. Hendel. 59.
 ——— *obscura*. Meijere. 106.
SAROPOGON [Asilidae].
 ——— *abbreviatus*. Johnson. 73.
 ——— *bicolor*. Johnson. 73.
SAYOMYIA [Culicidae].
 ——— *hudsoni*. Felt. 39.
 ——— *rotundifolia*. Felt. 39.
SCATELLA [Muscidae Acalyptratae].
 ——— *fallax*. Czerny. 33.
 ——— *setosa*. Coquillett. 32.
SCATOPHAGA [Muscidae Acalyptratae].
 ——— *frigida*. Coquillett. 32.
SCATOPE [Bibionidae].
 ——— *crassicornis*†. Meunier. 103.
 ——— *fasciola*†. Meunier. 103.
 ——— *grassaris*†. Meunier. 103.
 ——— *subsimplis*†. Meunier. 103.
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Argynnis no. subsp. **Fruhstorfer, H.** D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (306-308); *A. claudia* n. sp. Khamba Jong. **Fawcett, J. M.** London, Proc. Zool. Soc., **1904**, 2, (136, pl. IX, fig. 3); *A. lathonia* c. ab. *obscuraseens*, n. ab. **Strand, E.** Nyt Mag. Naturv., Kristiania, **42**, 1904, (130-131); *A. paphia*, Variabilität. **Aigner Abafi, L.** von. Wien, Verh. ZoolBot. Ges., **53**, 1903, (162-166); *A. selene* Sch., Aberration. **Kunze, A.** Ent. Jahrb., Leipzig, **13**, 1904, (83).

Argyrophorus lamna n. sp. Südamerika. **Thieme, O.** Berliner ent. Zs., **49**, 1904, (160).

Atella alcippe: *eganica* n. subsp. Engano. **Fruhstorfer, H.** Lc. (192-193).

Betanga moluccana n. sp. Obi. **Swinhoe, C.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (117).

Caligo, Mitteilungen über die Gattung. **Fruhstorfer, H.** D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (313-320); *C. eurylochus*: *pallidus* n. subsp. **Fruhstorfer, H.** Insektenbörse, Leipzig, **21**, 1904, (125); *C. eurylochus* var. *minor* n. var. **Kaye, W. J.** London, Trans. Ent. Soc., **1904**, (165); *C. fruhstorferi* n. sp. **Stichel, H.** Insektenbörse, Leipzig, **21**, 1904, (21); *C. memnon*: *pelenus* n. subsp. Venezuela. **Stichel, H.** In: Wytzman's Genera Insectorum, fasc. **20**, 1904, (37); *C. saltus* n. sp. **Kaye, W. J.** London, Trans. Ent. Soc., **1904**, (165).

Catagramma andofleda n. sp. Südamerika. **Thieme, O.** Berliner ent. Zs., **49**, 1904, (159-161, mit 1 Taf.).

Catoblepia xanthicles: *belisar* n. subsp. **Stichel, H.** Ecuador. In: Wytzman's Genera Insectorum, fasc. **20**, 1904, (26).

Charaxes eudoxus mechoi ♂. **Neave, S. A.** Nov. Zool., Tring, **11**, 1904, (331); *C. harrisoni* n. sp. Equatorial Africa. **Sharpe, E. M.** Entomologist, London, **1904**, (133); *C. jasius* var. *bachmetjeri* n. var., *C. jasius* ab. *hageni* n. ab. **Fischer, E.** Ent. Zs., Guben, **17**, 1901, (88-90, 92-93); *C. polyxentus*: *eganicus* n. subsp. Engano. **Fruhstorfer, H.** Berliner ent. Zs., **49**, 1904, (191); Stettiner ent. Ztg, **65**, 1904, (341-341).

Chlorippe godmani n. sp. Venezuela. **Dannatt**, W. Entomologist, London, 1904, (173, pl. VII, fig. 1).

Coenonympha mathewi n. sp. **Tutt**, J. W. Ent. Rec., London, 16, 1901, 1308; *C. pamphilus* L. abb. *biocellata* et *cacca* nn. abb. **Strand**, E. Nyt Mag. Naturv., Kristiania, 42, 1901, 131-132.

Cupha erymanthis: dolertyi n. subsp. Engano. **Fruhstorfer**, H. Berliner ent. Zs., 49, 1901, 191; **Stettiner ent. Ztg**, 65, 1901, 1313.

Cyrestis gilolocensis n. sp. Gilolo. **Lathy**, P. J. Entomologist, London, 1904, 711.

Didonis latelara n. sp. Südamerika. **Thieme**, O. Berliner ent. Zs., 49, 1901, (159-161, mit 1 Taf.).

Diastogyna hobleji n. sp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, 11, 1901, 1331; *D. intermixta* n. sp. **Aurivillius**, C. Entomol. Tidskr., Stockholm, 25, 1904, (96); *C. iris* n. sp. Congo. **Aurivillius**, C. Ark. Zool., Stockholm, 1, 1-2, 1903, (250-251).

Elymnias nn. subsp. Papua. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, 16, 1903, 1901, (321-323); *E. esaca*, subspecies, synonymy. **Shelford**, R. W. C. and **Bingham**, C. T. London, Trans. Ent. Soc., 1904, (187-489).

Epinephele, aberrations of Tuscan. **Verity**, R. Entomologist, London, 1904, (56); *E. jurtina* L. in Sophia, Veränderlichkeit der Anzahl der Augen. **Bachmetjew**, P. Allg. Zs. Ent., Neudamm, 9, 1901, (113-117); *E. jurtina* in Sofia, Flügellänge. **Bachmetjew**, P. Insektenbörse, Leipzig, 21, 1901, 113; *E. jurtina* L., Parthenogenese der männlichen Exemplare. **Bachmetjew**, P. St. Petersburg, Hor. Soc. Ent. Ross., 37, 1904, (1-16); *E. tithonus* var., var. *albida* n. var. **Russell**, G. M. Entomologist, London, 1904, (125-127).

Erebia erias and *stygne*, varr. from Gnadarrama, *E. penalarae* n. var. **Chapman**, T. A. London, Trans. Ent. Soc., 1904, (Proc. XLVI-XLVIII); *E. glacialis* Esper. (Lep.), Beitrag zur Biologie. **Krodel**, E. Allg. Zs. Ent., Neudamm, 9, 1904, (442-447); *E. medusa* Ei. **Gillmer**, M. Insektenbörse, Leipzig, 21, 1904, (212-213); *E. medusa* die junge Raupe. **Gillmer**, M. Ent. Zs.,

Guben, 18, 1901, (98); *E. neoridas* varr. *albottida etrusca* nn. varr. **Verity**, R. Entomologist, London, 1904, 155, pl. IV, figs. 6, 7; *E. palareica* n. sp. N. Spain. **Chapman**, T. A. London, Trans. Ent. Soc., 1904, (Proc. LXXXVII); *E. stygite* and *pistygne*, note. **Nicholl**, M. de la B. Ent. Rec., London, 16, 1901, (18).

Eryphnus polyceus: novicia n. subsp. Ecuador. **Stichel**, H. In: Wytsman's Genera Insectorum, fasc. 20, 1901, (32).

Eulepis pyrrhus: romanus n. subsp. **Fruhstorfer**, H. Insektenbörse, Leipzig, 21, 1901, (172).

Euphaedra paradoxa n. sp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, 11, 1901, (333); *E. paradoxa* ♂ **Sharpe**, E. M. Entomologist, London, 1904, (132); *E. ratrayi* n. sp. Toro. **Sharpe**, E. M. l.c. (183).

Euploea, Bugong error. **Dixey**, F. A. London, Trans. Ent. Soc., 1904, (IX-XIII); *E. n.* subsp. Malay. Arch. **Fruhstorfer**, H. Insektenbörse, Leipzig, 21, 1901, (309); *E. anymone* and *godarti* are one species. **Poulton**, E. B. London, Trans. Proc. Ent. Soc., 1904, (Proc. LXXXVI); *E. (Stictoploea) dufresnei: nica* n. subsp. Engano. **Fruhstorfer**, H. Berliner ent. Zs., 49, 1901, (180-181); *E. (Menama) moorei: thieniei* n. subsp. Malay. **Fruhstorfer**, H. l.c. (166-167, mit 2 Taf.); *E. phaeuraea* nn. subsp. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, 16, (1903), 1901, (303-305).

Euptera dorothea n. sp. Sierra Leone. **Bethune-Baker**, G. T. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1901, (223).

Euryphene fulgurata n. sp. Congo-gebiet. **Aurivillius**, C. Entomol. Tidskr., Stockholm, 25, 1904, (95-96).

Euthalia adona: pura n. subsp. Malay. Arch. **Fruhstorfer**, H. Insektenbörse, Leipzig, 21, 1904, (309); *E. grabcewskii* n. sp. **Püngeler**, R. D. ent. Zs. Iris, Berlin, 16, (1903), 1901, (286-301); *E. lubertina* nn. subsp. **Fruhstorfer**, H. Stettiner ent. Ztg, 65, 1901, (348-353).

Ewanessa antiopa. **Rivers**, J. J. Los Angeles, Bull. So. Cal. Acad. Sci., 2, 1903, (102).

Haematara pyramus var. *rubra* n. var. **Kaye**, W. J. London, Trans. Ent. Soc., 1904, (173, pl. XVIII, fig. 7).

Harma marmorata n. sp. **Toro**. **Sharpe**, E. M. Entomologist, London, 1904, (183).

Henotesia centralis n. sp. **Aurivillius**, C. Ark. Zool., Stockholm, 1, 1-2, 1903, (246-247).

Heteronympha merope Fabr. II. *phile-rope* **Boisd.**, notes on colour variation. **Kershaw**, J. A. Vict. Nat., Melbourne, 20, 1904, (173-175); II. *solandri* n. sp. New South Wales, Victoria. **Waterhouse**, G. A. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1904, (166).

Heterosais ocalea, egg and larva. **Guppy**, J. London, Trans. Ent. Soc., 1904, (225).

Hypolimnas bolina, variations. **Waterhouse**, G. A. *l.e.* (193); II. *bolina: euganica* n. subsp. **Eugano**. **Fruhstorfer**, H. Berliner ent. Zs., 49, 1904, (193); II. *missippus*, bred varieties. **Leigh**, G. F. London, Trans. Ent. Soc., 1904, (689-690, pl. XXXII).

Junonia nn. subsp. **Fruhstorfer**, H. Insektenbörse, Leipzig, 21, 1904, (325).

Kallima ratrayi n. sp. **Toro**. **Sharpe**, E. M. Entomologist, London, 1904, (182).

Leucothyris phenomoe: burchelli n. subsp. **Sanders**, C. B. Ann. Mag. Nat. Hist., London, (Ser. 7), 13, 1904, (315, pl. VI, tigs. 1, 2).

Limeritis, deutsche spp., Baukünste der Raupen. **Bauer**, V. Biol. Centralbl., Leipzig, 23, 1903, (515-519); *L. populi* ab. *radiata* n. ab. **Schultz**, O. Ent. Zs., Guben, 17, 1903, (61-63).

Lycorea eeres, ovum and larva. **Guppy**, J. London, Trans. Ent. Soc., 1904, (225).

Lymanopoda nn. spp. **Thieme**, O. Berliner ent. Zs., 49, 1904, (161-163).

Maniola gorge, Puppe. **Stierlin**, R. Ent. Zs., Guben, 17, 1904, (78).

Melanargia, Arten Ungarns. **Aigner-Abafi**, L. (Ungarisch) Rovart. L., Budapest, 11, 1904, (1-4).

Melanitis ansorgei n. sp. **Aruwimi** forest. **Rothschild**, Hon. W. Nov. Zool., Tring, 11, 1904, (151).

Melitaea dictynna n. ab. **Ebert**, [H.] Kassel, Abh. Ver. Natk., 47, 1902, (129-130, mit 1 Taf.); *M. tibetana* n. sp. **Fawcett** J. M. London, Proc. Zool. Soc., 1904, 2, (135).

Messaras mimicus n. sp. New Guinea. **Rothschild**, Hon. W. Nov. Zool., Tring, 11, 1904, (318, pl. III, fig. 43).

Mimacraea poultoni n. sp. Victoria Nyanza. **Neave**, S. A. *l.e.* (337, pl. I, fig. 18).

Morpho anaxibia, Zucht. **Fruhstorfer**, H. Ent. Zs., Guben, 18, 1904, (35, 37-38).

Mycalesis barbara: mea n. subsp. **Rothschild**, Hon. W. Nov. Zool., Tring, 11, 1904, (319, pl. III, fig. 42).

Narope nn. spp. **Stichel**, H. Insektenbörse, Leipzig, 21, 1904, (6).

Nectarina nn. subsp. **Fruhstorfer**, H. *l.e.* (205).

Neptis nn. spp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, 11, 1904, (329-330).

Opsiophanes cassiae. **Guppy**, J. London, Trans. Ent. Soc., 1904, (226, pl. XVII, fig. 2); *O. cassiae* nn. subsp. Central America. **Stichel**, H. In: Wytsman's Genera Insectorum, fase. 20, 1904, (19); *O. ivirae* nn. subsp. Panama and Paraguay. **Stichel**, H. *l.e.* (21).

Pararge maera L. **Krodel**, E. Ent. Zs., Guben, 18, 1904, (39); var. *adrasta* Hb. (ab. *biocellata* n.). **Krodel**, E. *l.e.* (30-31).

Peneos kheili **Weymer** ♀ der Insel Nias, Beschreibung. **Thieme**, O. Berliner ent. Zs., 49, 1904, (163-164).

Phyciodes hanhami n. sp. Canada. **Fletcher**, J. Ottawa, Trans. R. Soc. Can., 9, Sect. 4, 1903, (208-210, fig. 1); Canad. Ent., Toronto, 36, 1904, (122-124).

Prepona lygia n. sp. and nn. subsp. **Fruhstorfer**, H. Insektenbörse, Leipzig, 21, 1904, (125-126).

Prothoe ribbei: quizonis n. subsp. **Rothschild**, Hon. W. Nov. Zool., Tring, 11, 1904, (366).

Protozonius ochraceus, egg. **Kaye**, W. J. London, Trans. Ent. Soc., 1904, (178, pl. XVII, fig. 3).

Pseuda raea nn. spp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, **11**, 1901, (331-333).

Pyraucis cardui. **Stephan**, J. Natur u. Glaube, Leutkirch, **7**, 1901, (316-318).

Ragadia simplex. **Fawcett**, J. M. London, Proc. Zool. Soc., **1904**, 2, (135, pl. IX, fig. 1).

Salamis anacardi: *ansorgei* n. subsp. **Rothschild**, Hon. W. Nov. Zool., Tring, **11**, 1901, (152).

Satyris aleyone Schiff var. *norreptica* n. var. **Strand**, E. Ent. Zs., Guben, **17**, 1903, (6).

Stictoploca convallaria n. sp. Insel Nias. **Thieme**, O. Berliner ent. Zs., **49**, 1904, (163-164); *S. dufresnei*: *nica* n. subsp. **Fruhstorfer**, H. Stettiner ent. Ztg, **65**, 1904, (341-344).

Tenaris merana n. sp.; nn. subsp. **Fruhstorfer**, H. Ent. Zs., Guben, **18**, 1904, (118-119).

Tisiphone abeona var. *albifascia* n. var. **Waterhouse**, G. A. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (468).

Tithorea megara, early stages. **Guppy**, J. London, Trans. Ent. Soc., **1904**, (225, pl. XVIII, fig. 3).

Vanessa, Begattung. **Fischer**, E. Ent. Zs., Guben, **17**, 1903, (70-71); Nachtrag dazu v. W. Caspari II., l.c. 1904, (76-77); v. P[aul] Hoffmann, **18**, 1904, (51); *V. antiopa* L. ab. *lintueri* Fitch. in Finland gefangen. **Federley**, H. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1901, (75-81); *V. atalanta*. Southland, N. Zeal. **Philpott**, A. Wellington, Trans. N. Zeal. Inst., **36**, 1904, (161); *V. antiopa*, instinct. **Parker**, G. H. Mark Anniversary Volume, New York, 1903, ([153]-169, with 1 pl.); *V. cardui*. **Aigner-Abafi**, L. von. Allg. Zs. Ent., Neudamm, **9**, 1904, (6-9); *V. cardui* in California. **Rivers**, J. J. Los Angeles, Bull., So. Cal. Acad. Sci., **2**, 1903, (57-58); *V. cardui*, Wanderzug im Hochgebirge. **Römer**, J. Natur u. Haus, Dresden, **13**, 1904, (62); *V. caryae*. **Rivers**, J. J. Los Angeles, Bull. So. Cal. Acad. Sci., **2**, 1903, (77); *V. urticae* ab. *nigricaria* **J. Haverkamp**, F. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (186-187, pl. 1);

V. urticae, oviposition, habits. **Poulton**, E. B., **Hamm** and others. London, Trans. Ent. Soc., **1904**, Proc. XLI-XLVI).

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Abisara albiplaga: *arera*, and *keiana* nn. subsp., *weiskei* ♀. **Rothschild**, Hon. W. Nov. Zool., Tring, **11**, 1901, (317, pls. II & III); *A. segestes* n. sp. New Guinea. **Rothschild**, Hon. W. l.c. (455).

Aricoris striata n. sp. Ecuador. **Druce**, H. London, Proc. Zool. Soc., **1904**, 1, (188, pl. XXXIV, fig. 12).

Calcia fulvimargo n. sp. Peru. **Lathy**, P. I. London, Trans. Ent. Soc., **1904**, (166, pl. XXVII, fig. 6).

Chamaelinnas albivitta n. sp. Brazil. **Lathy**, P. I. l.c. (465, pl. XXVII, fig. 5).

Charis nn. spp. S. America. **Druce**, H. London, Proc. Zool. Soc., **1904**, 1, (486).

Cremna aza n. sp. Colombia. **Druce**, H. l.c. (pl. XXXIII, fig. 11).

Cricosoma coccineata n. sp. Trinidad. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (185, pl. XVIII, fig. 10).

Dicallaneura amabilis n. sp. New Guinea. **Rothschild**, Hon. W. Nov. Zool., Tring, **11**, 1904, (318, pl. II, figs. 21, 22); *D. ekeikei* n. sp. New Guinea. **Bethune-Baker**, G. T. l.c. (370).

Emesis guppyi n. sp. Trinidad. **Kaye**, W. J. l.c. (187).

Erycina latifasciata n. sp. **Lathy**, P. I. l.c. (464); *E. mendita* n. sp. **Druce**, H. London, Proc. Zool. Soc., **1904**, 1, (485).

Eurybia nn. spp. Peru. **Druce**, H. l.c. (482).

Eurygona nn. spp. S. America. **Druce**, H. l.c. (481); *E. subargentea* n. sp. Bolivia. **Lathy**, P. I. London, Trans. Ent. Soc., **1904**, (463).

Helicopis elegans n. sp. Trinidad. **Kaye**, W. J. l.c. (182).

Ithomiola rubrolineata n. sp. (= *celtilla* var. Hew.). **Lathy**, P. I. l.c. (465).

Lemonias auria n. sp. Bolivia.
Druce, H. London, Proc. Zool. Soc.,
 1904, 1, (487); *L. pulchra* n. sp. Peru.
Lathy, P. I. London, Trans. Ent. Soc.,
 1904, (467).

Libythea fulrescens n. sp. Dominica.
Lathy, P. I. London, Proc. Zool. Soc.,
 1904, 1, (451).

Mesosemia nn. spp. S. America.
Druce, H. l.c. (483-485); *M. elegans* n.
 sp. Peru. **Lathy**, P. I. London,
 Trans. Ent. Soc., 1904, (463).

Monethe johnstoni n. sp. Brit. Guiana.
Dannatt, W. Entomologist, London,
 1904, (174).

Nymphidium nn. spp. S. America.
Druce, H. London, Proc. Zool. Soc.,
 1904, 1, (487-488); *N. completa* n. sp.
 Peru. **Lathy**, P. I. London, Trans. Ent.
 Soc., 1904, (467); *N. molpe*, larva.
Guppy, J. l.c. (227).

Siseme peculiaris n. sp. Peru. **Druce**,
 H. London, Proc. Zool. Soc., 1904, 1,
 (486).

Stalactis canidia n. sp. Matto Grosso.
Druce, H. l.c. (488).

Symmachia peruviana n. sp. La
 Merced. **Lathy**, P. I. London, Trans.
 Ent. Soc., 1904, (466).

Themone trivittata n. sp. Peru.
Lathy, P. I. l.c. (465).

Theopia eudocia, T. foliorum, larva.
Guppy, J. l.c. (226-227); *T. fasciata*
 n. sp. **Lathy**, P. I. l.c. (467).

LYCAENIDAE.

GENERAL.

Druce, H. Report on the *Lycaenidae*.
 Fasc. Malay. Zool., London, 3, 1904,
 (1-13).

Leonhardt, W. Ueber einige Lycae-
 niden-Aberrationen. Ent. Zs., Guben,
 18, 1904, (53-54).

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Alaena malsa n. sp. Deutsch Ost-
 Afrika. **Thieme**, O. Berliner ent. Zs.,
 49, 1904, (164, mit 1 Taf.).

Aphneus drucei n. sp. Victoria
 Nyanza. **Neave**, S. A. Nov. Zool.,
 Tring, 11, 1904, (338); *A. questiauxi* n.
 sp. Congo. **Aurivillius**, C. Ark. Zool.,
 Stockholm, 1, 1-2, 1903, (252); *A. rat-*

trayi n. sp. Toro. **Sharpe**, E. M.
 Entomologist, London, 1904, (203).

Aravaeus n. gen. for *Papilio linus*
 Sulz. **Kaye**, W. J. London, Trans.
 Ent. Soc., 1904, (197).

Arhopala nn. spp. **Bethune-Baker**,
 G. T. Ann. Mag. Nat. Hist., London,
 (Ser. 7), 14, 1904, (233-235).

Candalides pruina n. sp. New Guinea.
Druce, H. l.c. 13, 1904, (140).

Castalius eusemia n. sp. Victoria
 Nyanza. **Neave**, S. A. Nov. Zool.,
 Tring, 11, 1904, (340).

Catochrysops nandensis n. sp. Africa.
Neave, S. A. l.c. (339).

Chrysophanus dispar var. and *nigro-*
lineata n. ab., *C. derilis* ab. *upoleuca* n.
 ab. **Verity**, R. Entomologist, London,
 1904, (58); *C. dispar* Haw. **Leonhardt**,
 W. Insektenbörse, Leipzig, 21, 1904,
 (235-236); *C. dorilis*, Eiablage. **Gillmer**,
 M. Ent. Zs., Guben, 18, 1904, (42);
 Insektenbörse, Leipzig, 21, 1904, (205);
C. virgaureae L. ♂ ab. *guttata* n. ab.
Schultz, O. Ent. Zs., Guben, 18, 1904,
 (93-94).

Deudorix leonina n. sp. Sierra Leone.
Bethune-Baker, G. T. Ann. Mag. Nat.
 Hist., London, (Ser. 7), 14, 1904, (231).

Euodyxylides tharis nn. subspp. **Fruh-**
storfer, H. D. ent. Zs. Iris, Berlin, 16,
 (1903), 1904, (311-312); *E. tharis* is
enganicus n. subspp. Engano. **Fruh-**
storfer, H. Berliner ent. Zs., 49, 1904,
 (204).

Epitola nn. spp. Sierra Leone.
Bethune-Baker, G. T. Ann. Mag. Nat.
 Hist., London, (Ser. 7), 14, 1904, (227-
 231).

Epitolina catori n. sp. Sierra Leone.
Bethune-Baker, G. T. l.c. (227).

Hypolycaena moyambina n. sp. Sierra
 Leone. **Bethune-Baker**, G. T. l.c.
 (232); *H. ugandae* n. sp. Africa.
Sharpe, E. M. Entomologist, London,
 1904, (203).

Iaspis n. gen. for *Symmachia temesa*
 Hew. **Kaye**, W. J. London, Trans.
 Ent. Soc., 1904, (196).

Iolaus nn. spp. Africa. **Sharpe**,
 E. M. Entomologist, London, 1904,
 (203-204); *I. catori* n. sp. Sierra
 Leone. **Bethune-Baker**, G. T. Ann.
 Mag. Nat. Hist., London, (Ser. 7),
 14, 1904, (232-233).

Jacoona anasuja: *irmina* n. subsp. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (310-311).

Lampides telicæus n. ab., *L. damon* ab. n. *agrophomena*. **Verity**, R. Entomologist, London, **1904**, (58-59).

Liptena albicans n. sp. Sierra Leone. **Cator**, D. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (76); *L. diversa* n. sp. Sierra Leone. **Bethune-Baker**, G. T. l.c. (225).

Lycaena nn. spp. Tounghoo. **Fawcett**, J. M. London, Proc. Zool. Soc., **1904**, 2, (138-139); *L. alcon* F., Entwicklung und Lebensart. (Holländisch) **Brants**, A. 's Gravenhage, Tijdschr. Ent., **46**, 1901, (137-143); *L. amandus* Schn. ab. *caeca* Gillmer. **Leonhardt**, W. Ent. Zs., Guben, **18**, 1901, (59); *L. argiades*, life-history. **Frohawke**, F. W. Entomologist, London, **1904**, (245-249); *L. argiades* Pall. ab. *depuncta* n. ab. Ungarn. **Hirschke**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (270); *L. ariana* var. *arene*, *L. pheretes* var. *pharis*. **Fawcett**, J. M. London, Proc. Zool. Soc., **1904**, 2, (137-138); *L. coretas* (o) n. sp. **Jachontov**, A. A. (Russ.) Rev. russ. ent., Jaroslavl', **4**, 2-3, 1904, (96-101, with 2 figs.); *L. corydon* Poda und *L. damon* Schiff., Aberrationen durch Einwirkung niedriger Temperaturen auf das Puppenstadium. **Krodel**, E. Allg. Zs. Ent., Neudamm, **9**, 1901, (19-55, 103-110, 134-137); *L. corydon* var. *reniecki* n. var. **Bartel**, M. Ent. Zs., Guben, **18**, 1901, (111-115, 117-118); *L. galba* Ld. Kemtnis. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (7-8); *L. icarus* Rott., ab. *persica* Bien. **Krodel**, E. Ent. Zs., Guben, **17**, 1904, (80-81); Bemerkung dazu v. M. Gillmer. l.c. (84-85); *L. icarus* Rott., ab. *melanotoxa* Pincit. identisch mit „ab. *arcuata* Weymer“? **Leonhardt**, W. l.c. **18**, 1901, (33); *L. icarus* Rott. ♀ ab. *amoena* m., *L. corydon* Poda ♂ ab. *suavis* m., *L. arcas* Rott. ♂ ab. *lycaonius* m. **Schultz**, O. l.c. (93-91); *L. lerothodi* n. sp. Basutoland. **Trimen**, R. London, Trans. Ent. Soc., **1904**, (212); *L. phyllis* Chr. ab. *schultzi* **Krodel**, E. Ent. Zs., Guben, **18**, 1904, (21); *L. pseudargiolus* var. *argentina*, *nigrescens* m. var. Canada. **Fletcher**, J. Ottawa, Trans. R. Soc. Can., **9**, Sect. II, 1903, (213-211); Canad. Ent., Toronto, **36**, 1904, (127-128).

Lycaenesthes hobleyi n. sp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, **11**, 1904, (339).

Macusia n. gen. for *Thecla satyroides* Hew. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (198).

Micropentila mabangi n. sp. Sierra Leone. **Bethune-Baker**, Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (226).

Oxyliodes feminina n. sp. Uganda. **Sharpe**, E. M. Entomologist, London, **1904**, (202).

Pairwarria n. gen. for *Papilio venulus* Cr. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (199).

Parachrysops n. gen., *P. bicolor* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (369).

Parelodina n. gen. near *Candalides*, *P. aroa* n. sp. New Guinea. **Bethune-Baker**, G. T. l.c. (368).

Philiris merged in *Candalides*. **Bethune-Baker**, G. T. l.c. (369).

Polyniphes n. gen. for *Thecla dumenili* God. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (191).

Polyommatus admetus var. *ripartii*, oviposition and egg. **Powell**, H. Ent. Rec., London, **16**, 1904, (92-94).

Poultonia n. gen., near *Durbania*, *P. ochracea* n. sp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, **11**, 1904, (336).

Pseuderesia nn. spp. **Cator**, D. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (73-75); *P.* nn. spp. Sierra Leone. **Bethune-Baker**, G. T. l.c. **14**, 1904, (224-225).

Purlisa gigantea: *borneana* n. subsp. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (310).

Rekoa n. gen. for *Pap. melon* Cr. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (198).

Siderus n. gen., *S. parvinotus* n. sp. Trinidad. **Kaye**, W. J. l.c. (195).

Spindasis nairobiensis n. sp. Equatorial Africa. **Sharpe**, E. M. Entomologist, London, **1904**, (133).

Syntaruchoides n. gen. for *Papilio cassius* Cr. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (190).

Tajuria nn. spp. Borneo. **Druce**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (141).

Telipna nyanza n. sp. Africa. **Neave**, S. A. Nov. Zool., Tring, **11**, 1904, (335).

Thecla nn. spp. Dominica. **Lathy**, P. I. London, Proc. Zool. Soc, **1904**, 1, (452); *T. acaeiæ* ab. *beccarii* n. ab. **Verity**, R. Entomologist, London, **1904**, (56); *T. heathii* n. sp., *T. strigosa* var. *lparops* n. var. Canada. **Fletcher**, J. Ottawa, Trans. R. Soc. Can., **9**, Sect. 4, 1903, (210-212, fig. 2); Canad. Ent., Toronto, **36**, 1904, (124-127).

Thestor ballus, early stages. **Chapman**, T. A. Ent. Rec., London, **16**, 1901, (251-260, 277-284, pls. XI-XIII).

Thysonotis lebes n. sp. New Guinea. **Druce**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (140).

Tinodus nn. spp. Trinidad. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (192, 194).

Zeritis felthami n. sp. Cape of Good Hope. **Trimen**, R. l.c. (233); *Z. thysbe* var. *Z. molomo* redescribed, *Z. damarensis*. **Trimen**, R. l.c. (236, 238, 240).

PIERIDÆ.

GENERAL.

Butler, A. G. On certain African butterflies of the sub-family Pierinae. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (426-429).

Moore, F. Lepidoptera indica. Vol. 6, Pts. LXVII-LXIX. (*Papilionidae* and *Pieridae*). London, 1904, (105-176, pls. 513-531).

SPECIAL.

Aporia crataegi L., Variabilität der Flügelänge in Sophia (Bulgarien). **Bachmetjew**, P. Allg. Zs. Ent., Neudamm, **9**, 1901, (269-271).

Belenois gidica, *abyssinica*, and *westwoodi*, relations. **Butler**, A. G. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1901, (126).

Callidryades, seasonal phases, synonyms. **Butler**, A. G. l.c. **14**, 1901, (110-114).

Catopsilia, migration in the Amazons. **Goeldi**, E. A. Bol. Mus. Goeldi, Pará, **4**, 1904, (309-316, with 2 pls.); *C. pyranthe*, varieties. **Manders**, N. London, Trans. Ent. Soc., **1904**, (701-703, pl. XXXIV).

Colias nn. spp. Khamba and Jong. **Fawcett**, J. M. London, Proc. Zool. Soc., **1904**, 2, (139-140, pl. 1X); *C. edusa*, early stages. **Harrison**, J. W. H. Ent. Rec., London, **16**, 1904, (172-176); *C. electra*, pale form and melanic form. **Trimen**, R. London, Trans. Ent. Soc., **1904**, (243, pl. XX); *C. exogone* var. *leechi* synonymy. **Fawcett**, J. M. London, Proc. Zool. Soc., **1904**, 2, (140-141, pl. IX, figs. 10, 10a).

Delias, notes on New Guinea species. **Rothschild**, Hon. W. Nov. Zool., Tring, **11**, 1904, (312-317); *D.* nn. spp. **Rothschild**, Hon. W. l.c. (313-316); *D. alberti* n. sp., *D. schoenbergi*; *choiseuli* n. subsp. **Rothschild**, Hon. W. l.c. (153); *D. hempeli* n. sp. Gilolo. **Dannatt**, W. Entomologist, London, **1904**, (173, pl. VII, fig. 3); *D. timorensis*; *gardineri* n. sp. **Fruhstorfer**, H. Stettiner ent. Ztg, **65**, 1904, (345-348).

Dismorphia broomeae ♀. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (201).

Euchloe cardamines, Zucht. **Bretschneider**, J. B. Ent. Zs., Guben, **17**, 1904, (85, 90).

Eurema, migration in the Amazons. **Goeldi**, E. A. Bol. Mus. Goeldi, Pará, **4**, 1904, (309-316, with 2 pls.).

Ganoris (Pieris) napi, scent of males. **Dixey**, F. A. London, Trans. Ent. Soc., **1904**, (Proc. LVI-LX); **Longstaff**, G. B. l.c. (LXXXIX).

Gonepteryx rhamni var. *cleopatra*. **Lucas**, R. Entomologist, London, **1904**, (240).

Herpavnia lacteipennis = (*eriphia* var. *shamunca* Auriv.) **Butler**, A. G. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1901, (128).

Itaballia n. gen. for *Pieris pandosia* Hew. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (204).

Mylothris tirikensis n. sp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, **11**, **1904**, (311, pl. 1, fig. 9).

Nepheronia valeria: *kangeana* n. subsp. **Fruhstorfer**, H. Stettiner ent. Ztg. **65**, 1904, (347).

Pieris brassicae, Grösse. **Auel**, H. Allg. Zs. Ent., Neudamm, **9**, 1901, (152-153); *P. continentalis* n. sp. ♂. **Heyn**, K. Ent. Zs., Guben, **18**, 1901, (57-58); *P. duplii* L. ab. *anthracina* **Schultz**, O. Lc. (85-86); *P. leachii* n. sp. **Ladak**, **Moore**, F. Lep. Indica, London, **6**, 1901, (150); *P. napi* L. var. *intermedia* **Krul**, **Jachontov**, A. A. Rev. russ. ent., Jaroslavl', **4**, No. 1, 1904, (15-18); *P. napi*, zur Kenntnis einiger Formen. **Wagner**, F. Wien, Verh. ZoolBot. Ges., **53**, 1903, (171-178, mit 1 Taf.); *P. rapae* L. var. *rossii* **Stef.**, Beschreibung. **Schima**, K. Lc. (566-568).

Pinacopteryx dixeyi n. sp. **Victoria Nyanza**, **Neave**, S. A. Nov. Zool., Tring, **11**, 1901, (311, pl. 1, fig. 10).

Saletara panda mn. subsp. **Fruhstorfer**, H. Stettiner ent. Ztg. **65**, 1901, (315-318).

Tachyris ada n. subsp. **Banda**, **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1901, (197); *T. verussa* n. sp. and mn. subsp. **Fruhstorfer**, H. Lc. (157).

Teracolus noua, food-plant. **Wal-singham**, **Lowl.** Ent. Mag., London, **40**, 1904, (99); *T. xantholeuca* n. sp. Equatorial Africa. **Sharpe**, E. M. Entomologist, London, **1904**, (133).

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Young, L. C. H. Synonymic Catalogue of the Lepidoptera Papilionia in the Society's Collection. Bombay, J. Nat. Hist. Soc., **15**, 1901, (483-497).

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Ornithoptera. **Rippon**, H. F. Icones Ornithopterorum. Pl. 17, (1-19, with 4 pls.); O., Nachweis der Fälschung einer Art mit 2 Paar Hinterflügeln. **Schulze**, S. Ent. Zs., Guben, **17**, 1904, (77);

O. *pegasus* und *paradisa*. **Schulze**, [S.]. Lc. **17**, 1903, (30).

Papilio n. subsp. **Fruhstorfer**, H. Lc. **18**, 1904, (15-16); *P.* mn. subsp. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1901, (140-141, 180-181, 188-189, 309); *P. agamemnon*: *atropictus* n. subsp. **Engano**, **Fruhstorfer**, H. Berliner ent. Zs., **49**, 1901, (195); *P. aristolochiae*: *antiphylus* n. subsp. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, **16**, (1903), 1901, (302); *P. canopus*: *kallon* n. subsp. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1901, (157); *P. bridgeri*: *toyonis* and *ortegae* mn. subsp. **Rothschild**, **Hon. W.** Nov. Zool., Tring, **11**, 1901, (153); *P. cenea*, life-history, bred varr. **Leigh and Poulton**, London, Trans. Ent. Soc., **1904**, (677-668); *P. galianus*: *peculiaris* and *achitnulli* mn. subsp. **Neave**, S. A. Nov. Zool., Tring, **11**, 1901, (312, pl. 1, fig. 7); *P. homerus*, larval habits. **Swainson**, London, Trans. Ent. Soc., **1904**, (Proc. LX); *P. merope*, characters of allied forms, table. **Trimen**, R. Lc. (691); *P. podalirius*, Naturgeschichte. **Grund**, A. Ent. Zs., Guben, **18**, 1901, (78).

Parnassius mn. subsp. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, **16**, (1903), 1901, (308-309); *P. apollo* ab. *brittingeri* Rbl. and Rghfr., in Finland gefangen. **Federley**, H. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (75-81); *P. apollo* L., Aberration. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (166-167); *P. delphius*: *dolabella* n. subsp. **Fruhstorfer**, H. Ent. Zs., Guben, **18**, 1901, (29-30); *P. mnemosyne* var. *halteres* n. var. and oviposition. **Muschamp**, P. A. H. Ent. Rec., London, **16**, 1901, (52); *P. nordmanni* **Mén.** ab. *trimaculata* n. ab. **Šapošnikov**, Ch. G. St. Petersburg, Ann. Mus. Zool. Ac. Sc., **9**, 1901, (191-192).

Thais polyxena **Schiff.** **Aigner-Abafi**, L. von. Ent. Zs. Guben, **17**, 1903, (30).

Troides chimacra n. sp. New Guinea. **Rothschild**, **Hon. W.** Nov. Zool., Tring, **11**, 1901, (311); *T. haliphron*: *ikarus* n. subsp. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1901, (157); *T. oblongomaculatus* **Goeze**, **Pagenstecher**, A. Ent. Zs., Guben, **18**, 1901, (11-12); *T. oblongomaculatus*: *kamui* n. subsp. **Fruhstorfer**, H. Lc. (27); *T. victoricae*: *rubianus* n. subsp. **Rothschild**, **Hon. W.** Nov. Zool., Tring, **11**, 1901, (654).

HESPERIDAE.

GENERAL.

Mabille, P. *Lepidoptera Rhopalocera*, fam. *Hesperiidae*, [includes n. subfam. *Megathyminae*]. In: Wytsman's *Genera Insectorum*, fasc. **17**, 1904, (79-210, pl. IV).

Waterhouse, G. A. and **Turner**, R. E. Notes on *Hesperiidae* described by Mabille and reputed to be Australian. *Vict. Nat.*, Melbourne, **21**, 1904, (109-110).

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Acromecis n. gen. for *A. neander* Plötz. **Mabille**, P. In: Wytsman's *Genera Insectorum*, fasc. **17**, 1904, (171-172).

Aella n. gen. for *A. dryops*. **Mabille**, P. *l.c.* (140).

Arotis n. gen., *A. sirene* n. sp. Brésil. **Mabille**, P. *l.c.* (131).

Asbolis n. gen. for *A. sandarac*. **Mabille**, P. *l.c.* (134).

Bibla n. gen. for *B. papyria* Boisduval. **Mabille**, P. *l.c.* (122).

Carystus vallio Mabille. **Waterhouse**, G. A. and **Turner**, R. E. *Vict. Nat.*, Melbourne, **21**, 1904, (109-110).

Chloeria n. gen. for *C. pistlacina* Felder. **Mabille**, P. In: Wytsman's *Genera Insectorum*, fasc. **17**, 1904, (178).

Chondrolepis n. gen. for *C. murga*. **Mabille**, P. *l.c.* (170-171).

Corone nn. spp. New Guinea. **Mabille**, P. *l.c.* (113); *C. ismewoides* Mabille. **Waterhouse**, G. A. and **Turner**, R. E. *Vict. Nat.*, Melbourne, **21**, 1904, (109-110).

Cyclopides trisignatus n. sp. Victoria Nyanza. **Neave**, S. A. *Nov. Zool.*, *Tring*, **11**, 1904, (343).

Dalla n. gen. for *D. eryonias* Hewitson. **Mabille**, P. In: Wytsman's *Genera Insectorum*, fasc. **17**, 1904, (107).

Hasora attenuata n. sp. Nouvelle-Guinée. **Mabille**, P. *l.c.* (86).

Helioptetes conivincta n. sp. Rio Grande. **Mabille**, P. *l.c.* (79).

Hesperia malvae ab. *zagrabienensis* (Grund). **Grund**, A. *Ent. Zs.*, *Güben*, **17**, 1903, (49); *H. malvae* ab. *taras* ♂

und ♀. **Löffler**, C. *l.c.* **18**, 1904, (77-78, mit 1 Taf.).

Hesperilla atrae Mabille, *H. eacilis* Mabille, *H. melissa* M., *H. satulla* M., *H. saxula* M. **Waterhouse**, G. A. and **Turner**, R. E., *Vict. Nat.*, Melbourne, **21**, 1904, (109-110).

Hypoleucis indusiata Mabille. **Waterhouse**, G. A. and **Turner**, R. E. *l.c.* (109-110).

Ismene tolo n. sp. Célèbes. **Mabille**, P. In: Wytsman's *Genera Insectorum*, fasc. **17**, 1904, (89).

Kedestes tacusa. **Tremen**, R. London, *Trans. Ent. Soc.*, **1904**, (245, pl. XX, fig. 8).

Leptalina n. gen. for *L. unicolor*. **Mabille**, P. In: Wytsman's *Genera Insectorum*, fasc. **17**, 1904, (110).

Malaza n. gen. for *M. catocalinus*. **Mabille**, P. *l.c.* (95).

Manarina n. gen. for *M. fastuosus*. **Mabille**, P. *l.c.* (95-96).

Melanthes n. gen. for *M. brunnea* Herrich-Schäffer. **Mabille**, P. *l.c.* (80-81).

Ocybadistes suffusus n. sp. Australie. **Mabille**, P. *l.c.* (142).

Oedaloneura n. gen. for *O. heterochrus*. **Mabille**, P. *l.c.* (101).

Oenides n. gen. for *O. rulpina* Felder. **Mabille**, P. *l.c.* (178).

Oxytoxia n. gen. for *O. doubledayi* Felder. **Mabille**, P. *l.c.* (93).

Padraona suborbicularis n. sp. Australie. **Mabille**, P. *l.c.* (141).

Pamphila impar Mabille, *P. layon* Mabille, *P. neocles* M., *P. recticitta* M., *P. sigida* M. **Waterhouse**, G. A. and **Turner**, R. E. *Vict. Nat.*, Melbourne, **21**, 1904, (109-110); *P. manitoboides* n. sp. Canada. **Fletcher**, J. Ottawa, *Trans. R. Soc. Can.*, **9**, Sect. 4, 1903, (214-216); *Canad. Ent.*, Toronto, **36**, 1904, (128-130).

Perichares heroni n. sp. Trinidad. **Kaye**, W. J. London, *Trans. Ent. Soc.*, **1904**, (221).

Psoralis n. gen., *P. sabaeus* n. sp. Bolivie. **Mabille**, P. In: Wytsman's *Genera Insectorum*, fasc. **17**, 1904, (133).

Pyrrhocalles n. gen. for *P. antiqua* Herrich-Schäffer. **Mabille**, P. *l.c.* (143).

Pyrrhochalcia n. gen. for *P. iphis*.
Mabille, *P. l.c.* (89).

Sarega n. gen., *S. staurus* n. sp.
Colombie. **Mabille**, *P. l.c.* (133).

Serdis n. gen., *S. flagrans* n. sp.
Equateur. **Mabille**, *P. l.c.* (141).

Staphylus sinepunctis n. sp. Trinidad.
Kaye, *W. J.*, London, *Trans. Ent. Soc.*,
1904, (215).

Stomyles nn. spp. Brésil, Amérique
mériionale. **Mabille**, *P. l.c.* In: Wyts-
man's Genera Insectorum, fasc. 17,
1904, (132).

Synale n. gen. for *S. hylaspes* Cramer.
Brésil. **Mabille**, *P. l.c.* (159).

Synapte n. gen. for *S. sidenus*.
Mabille, *P. l.c.* (133).

Tagiades nn. spp. New Guinea.
Swinhoe, *C.*, *Ann. Mag. Nat. Hist.*,
London, (Ser. 7), 14, 1904, (418-419);
T. australiensis **Mabille**. **Waterhouse**,
G. A. and **Turner**, *R. E.*, *Vict. Nat.*,
Melbourne, 21, 1904, (109-110).

Telicota hypomelaena n. sp. **Mabille**, *P.*
In: Wytsman's Genera Insectorum, fasc.
17, 1904, (142-143); *T. androsthene* n.
sp., *T. insularis*: *kreon* n. subsp. **Malay**.
Fruhstorfer, *H.*, *Berliner ent. Zs.*, 49,
1904, (165-166, mit 2 Taf.).

Thanaos lilius n. sp. British Colum-
bia. **Dyar**, *H. G.*, Washington, D.C.,
Smithsonian Inst. Nation. Mus. Proc.,
27, 1901, (788).

Thracides nn. spp. Amérique cen-
trale. **Mabille**, *P.* In: Wytsman's
Genera Insectorum, fasc. 17, 1904,
(179).

Toxidia thyrrhus **Mabille**. **Water-**
house, *G. A.* and **Turner**, *R. E.*, *Vict.*
Nat., Melbourne, 21, 1904, (109-110).

Triadusa n. gen., *T. milvius* n. sp.
Brésil. **Mabille**, *P.* In: Wytsman's
Genera Insectorum, fasc. 17, 1904, (144-
145).

Uchilius subplanus n. sp. Trinidad.
Kaye, *W. J.*, London, *Trans. Ent. Soc.*,
1904, (216).

Zenida n. gen. for *Z. abdon* Plötz.
Mabille, *P.* In: Wytsman's Genera
Insectorum, fasc. 17, 1904, (159-160).

Zophopetes n. gen. for *Z. dysmephila*
Trimen. **Mabille**, *P. l.c.* (183-184).

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GENERAL.

Dudgeon, *G. C.*, A catalogue of the
Heterocera of Sikkim and Bhutan.
Bombay, *J. Nat. Hist. Soc.*, 15, 1901,
(602-613).

Krulikowskij. Petites notices lépid-
ptérologiques VIII. (Russ.) *Rev. russ.*
ent., Jaroslavl, 4, 2-3, 1901, (90-92).

Miyake, *T.*, Heterocera of Japan,
described and figured. (Japanese)
Dobuts. Z., Tokyo, 16, 1901, (21-28,
117-119, 172-182, 230-239).

Piepers, [*M. C.*] et **Snellen**, [*P. C. T.*].
Énumération des lépidoptères hétéro-
cères de Java. 's Gravenhage, *Tijdschr.*
Ent., 47, [1901], (13-62).

SATURNIDAE.

Actias luna, Schlüpfen. **Ebner**, *F.*
Insektenbörse, Leipzig, 21, 1901, (215).

Agria tau, Zwitter. **Jammerath**, *H.*
Ent. Zs., Guben, 17, 1903, (4); *A. tau*
und dessen Aberrationen *ferenigra* und
nigerrima. **Wünscher**, *M.*, *Ent. Jahrb.*,
Leipzig, 13, 1901, (127-130).

Attacus ribidia n. sp. Tucuman.
Druce, *H.*, *Ann. Mag. Nat. Hist.*, London,
(Ser. 7), 13, 1904, (241).

Opelipthera papuana n. sp. New
Guinea. **Rothschild**, *Hon. W.*, *Nov.*
Zool., Tring, 11, 1901, (601).

Philosamia cythia, variation and
elimination. **Crampton**, *H. E.*, *Bio-*
metrika, Cambridge, 3, 1901, (113-
130); Wood's Holl, Mass., *Mar. Biol.*
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Epistore bathus n. sp. Peru. **Rothschild**, Hon. W. Nov. Zool., Tring, **11**, 1904, (435).

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Theretra polistratus n. sp. New Guinea. **Rothschild**, Hon. W. l.c. (440).

Xylophanes nn. spp. Peru. **Rothschild**, Hon. W. l.c. (439, 440).

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Casceira bella n. sp. New Guinea. **Bethune Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (374).

Cerura multipunctata n. sp. New Guinea. **Bethune Baker**, G. T. l.c. (381).

Dicentria nn. spp. San Salvador, Tucuman. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (116).

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Epanaphe clarilla n. sp. Mashonaland. **Aurivillius**, C. London, Trans. Ent. Soc., **1904**, (699).

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Happygia esbrella n. sp. Arizona. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (267-268).

Harpigia vinula, Biologie. **Schuster**, L. Zool. Garten, Frankfurt a. M., **45**, 1904, (96-97); Trutzwalten. l.c. (20-23).

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Heterocampa nn. spp. Peru. **Druce**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (248-249).

Hirsutopalpis n. gen. *Notodontidae*, *H. fasciata* n. sp. New Guinea. **Bethune Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (375).

Hypereschna collaris n. sp. Khasia Hills. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (132).

Lasioceras n. gen., *L. aroa* n. sp. New Guinea. **Bethune Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (381).

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Omichlis, nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool. Tring, **11**, 1904, (375-377).

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Pseudodryas luteopunctata n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (115-116).

Pseudogargetta n. gen., *P. diversa* n. sp. **Bethune-Baker**, G. T. Nov. Zool. Tring, **11**, 1904, (373).

Somera oxia n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (152).

Stauropus nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (378-380).

Tarsolepis sommeri : *dinaucensis* n. subsp. **Bethune-Baker**, G. T. l.c. (373).

SESIIDAE.

Sesia annellata Z., Variation. **Tomala**, N. Rovart. L., Budapest, **11**, 1904, (155-157); *S. arctica* Beutenmüller, n. sp. Alaska. **Dyar**, H. G. [Reprinted from Washington, D.C., Proc. Acad., **2**, 1900, (187-501)]. Alaska, (Harriman Expedition, New York, **8**, 1904, (211-227); *S. formicaeformis* produit-elle des excoissances sur les rameaux des saules? **Bellevoys**, A. Paris, Bul. soc. ent., **1903**, (89-90).

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Amata Fabr. prior to *Syntomis* Ochs. **Prout**, L. B. Entomologist, London, **1904**, (116).

Ceryx nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (382-383).

Ctemucha albolineata n. sp. Peru. **Druce**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (241).

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Pseudapiconoma nn. spp. Angola. **Jordan**, K. l.c. (411-442).

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Syntomeida hampsonii n. sp. Arizona. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (165).

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Chalcosia viridisuffusa n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (155).

Chelura hemileuca. New Guinea. **Rothschild**, Hon. W. Nov. Zool., Tring, **11**, 1904, (322).

Dysauxes punctata ab. (et var.?) *ragusaria* n. ab. Zkt. **Zickert**, F. Ent. Zs., Guben, **18**, 1904, (78).

Nesaea albimacula n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (180).

Pterocropsis n. gen., *P. unipuncta* n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (151).

Soritia ritripennis n. sp. Tonkin. **Joannis**, J. de. Paris, Bul. soc. ent., **1903**, (10-11).

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Clania lewinii, habits, oviposition, etc. **Little**, F. M. Entomologist, London, 1904, (310-315).

Pyropsyche moncaunella n. sp. **Chapman**, T. A. Ent. Rec., London, 16, 1901, (67); London, Proc. S. Lond. Ent. Nat. Hist. Soc., 1903; London, Trans. Ent. Soc., (pl. xvi).

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Duomitus leuconotus, life-history and habits in Calcutta. **Stebbing**, E. P. Calcutta, J. As. Soc. Beng., 73, (11), 1904, (25-30); *D. venestrata* n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (180).

Eugirira nn. spp. San Salvador, Venezuela. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (122).

Parazeuzera n. gen., *P. aurea*, *P. cloana* nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, 11, 1904, (384).

HEPIALIDAE.

Hepialiscus algeriensis n. sp. Algérie. **Joannis**, J. de. Paris, Bul. soc. ent., 1903, (222-223).

Hepialus hectus var. **Woodbridge**, F. E. Entomologist, London, 1904, (9); *H. humuli* variation in Faroes. **Annan-**

dale, N. Edinburgh, Proc. R. Phys. Soc., 1904, (158); *H. humuli*. **Fassl**, A. H. Insektenbörse, Leipzig, 24, 1904, (317).

Zeuzera eucalypti, note. **Little**, F. M. Entomologist, London, 1904, (114).

CALLIDULIDAE.

Agonis dymus n. sp. Fergusson Islds. **Swinhoe**, C. London, Trans. Ent. Soc., 1904, (155).

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Oreta angustipennis n. sp. Niger. **Warren**, W. Nov. Zool., Tring, 11, 1901, (161).

LIMACODIDAE.

Birithama basibrunnea n. sp. E. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., 1904, (154); *B. dinara* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, 11, 1904, (385).

Contheyla nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (385-386); *C. mn.* spp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., 1904, (153).

Dinara n. gen., *D. rufa*, *D. nigricans* nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, 11, 1904, (386).

Lasiochara n. gen., *L. pulchra* n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (392).

Lasiolimaecos n. gen., *L. ferruginea*, *L. henricki*, *L. pratti* nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (388-389).

Narosa aroa n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (386).

Nervicompressa n. gen., *N. aroa*, *N. kebae*, *N. lunulata*, *N. dubia*, *N. albomaculata*, *N. unistrigata* nn. spp. New Guinea. **Bethune-Baker**, G. T., *l.c.* (389-392).

Pygaecomorpha n. gen., *P. brunnea*, *P. modesta* nn. spp. **Bethune-Baker**, G. T. *l.c.* (387).

Scopelodes nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (384-385); *S. tantula* n. sp. Khasia Hills.

Swinhoe, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (132).

Squamosala n. gen., *S. nigrostigmata* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (393).

Thosea peralbida n. sp. Poona. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (153).

MEGALOPYGIDAE.

Megalopyge gamelia n. sp. Peru. **Druce**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1901, (246).

THYRIDIDAE.

Banisia salmon n. sp. Borneo. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (483).

Dysodia flammata n. sp. Zomba. **Warren**, W. *l.c.* (461).

Loriorhiza n. gen. for *Zeuzerodes cervicalis* Pag. **Warren**, W. *l.c.* (491).

Morova? *innotata* n. sp. Townsville. **Warren**, W. *l.c.* (183).

Siculodes nn. spp. Peru. **Warren**, W. *l.c.* (493); *S. triumphans* n. sp. Peru. **Warren**, W. *l.c.* (1).

Striglina divisata n. sp. Natuna Ilds. **Warren**, W. *l.c.* (184).

LASIOCAMPIDAE.

GENERAL.

Spuler, A. Über die paläarktischen Lasiocampiden. Vortrag. Erlangen, Sitzber. physik. Soc., **35**, (1903), 1901, (211-212).

SPECIAL.

Argula erectilinea n. sp. Singapore. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (152); *A. pratti* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (395).

Catabeleta n. gen., type *Lebeda protracta* Walk. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **23**, 1902, (275-278, with pl.).

Chrysopoloma crawshayi n. sp. E. Africa. **Aurivillius**, C. London, Trans.

Ent. Soc., **1904**, (699); *C. nirca* n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (106).

Clisiocampa americana, life-history. **Davis**, N. F. Pennsylvania Dept. Agric. Bull., [Harrisburg], **1903**, No. 120, 1904, (15, with pl.); *C. americana*, parasite of. **Fiske**, W. F. Agric. Exp. Sta., New Hampshire, Durham, Tech. Bull., No. **6**, 1903, (181-230, with 7 figs.); [review] Washington, D.C., U. S. Dept. Agric. Off. Exp. Sta. Rec., **14**, 1903, (1096-1097).

Cycethra n. gen., *C. aroa* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (393).

Dendrolinus pini L. und *D. segregatus* Butl. **Petersen**, W. Rev. russ. ent., Jaroslavl, **4**, 4, 1904, (163-166, mit 2 Abt.).

Gloveria coronada n. sp. Arizona. **Barnes**, L. Canad. Ent., Toronto, **36**, 1904, (268).

Isostigena n. gen., *Lasiocampidae*, *I. bicellata* n. sp. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (395).

Lasiocampa pini, its natural history, etc. **Grönberg**, G. Tidskr. f. Skogsh., Stockholm, **31**, 1903, (195-214, with pl.); *L. pini* in Norway. **Meves**, J. Entomol. Tidskr., Stockholm, **24**, 1903, (229-230); Upps. Prakt. Entomol., Stockholm, **13**, 1903, (69-70); *L. pini*, dangerous to the Swedish pine-forests. **Ortenblad**, T. Skogsvännen, Stockholm, **3**, 1903, (82-83); *L. potatoria*, ein Zwitter von. **Hofmann**, R. Ed. Nat. Cab., Grünberg, **1902**, (194-195); *L. quercus* L. v. *sicula* Stgr. ab. *gauchleri* n. **Kabis**, G. Ent. Zs., Guben, **17**, 1904, (93); *L. quercus* var. *sicula* Stgr. ♂ × var. *alpina* Frey ♀, Rückkreuzung mit *Las. quercus* var. *sicula* Stgr. **Schultz**, O. *l.c.* **17**, 1903, (1-2).

Lonomia bethulia n. sp. Peru. **Druce**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1901, (247).

Malacosoma neustria, variation, colour and food. **Douglas**, J. Entomologist, London, **1904**, (43).

Mallocampa n. gen., type *Eutrieha andea* Druce **Aurivillius**, C. Entomol. Tidskr., Stockholm, **23**, 1902, (285-287).

Odonestis centralistrigata n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (397).

Opsirhina aroa n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (395).

Orniscoles rufama, *O. chaba* nn. spp. Peru. **Druce**, H. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **13**, 1904, (215).

Pachypasa (Pachusa) marshalli n. sp. Mashonaland. **Aurivillius**, C. *Entomol. Tidskr.*, Stockholm, **23**, 1902, (281).

Sporostena n. gen., *S. uniformis* n. sp. New Guinea. **Bethune-Baker**, G. T. *Nov. Zool., Tring.* **11**, 1904, (396).

Stibolepis hologramma n. sp. Mashonaland. **Aurivillius**, C. *London, Trans. Ent. Soc.*, **1904**, (697, pl. XXXIII, fig. 7).

Taragama nn. spp. Kamerun. **Aurivillius**, C. *Entomol. Tidskr.*, Stockholm, **23**, 1902, (275-278, with pl.); *T.* nn. spp. New Guinea. **Bethune-Baker**, G. T. *Nov. Zool., Tring.* **11**, 1904, (394, pl. IV).

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GENERAL.

Barbey, A. *Observation biologique.* Paris, *Bul. soc. ent.*, **1903**, (167-168).

Turner, A. J. *A classification of the Australian Lymantriadæ.* London, *Trans. Ent. Soc.*, **1904**, (469-481).

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Anthela nn. spp. Australia. **Turner**, A. J. *London, Trans. Ent. Soc.*, **1904**, (480-481); *A. ekeikei* n. sp. New Guinea. **Bethune-Baker**, G. T. *Nov. Zool., Tring.* **11**, 1904, (403).

Aziologa n. gen. **Turner**, A. J. *London, Trans. Ent. Soc.*, **1904**, (477).

Cariria dinawa n. sp. New Guinea. **Bethune-Baker**, G. T. *Nov. Zool., Tring.* **11**, 1904, (397).

Dasychira nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (404-405); *D.* nn. spp. Ashanti. **Swinhoe**, C. *London, Trans. Ent. Soc.*, **1904**, (444-446); *D. angelus* n. sp. **Četverikov**, S. *Rev. russ. ent.*, Jaroslavl', **4**, 2 3, 1904, (77-79).

Dasychiride n. gen., *D. brunneostri-gata*, *D. bicolora*, *D. pratti*, *D. ni-prostrigata*, *D. obsoleta* nn. spp. New Guinea. **Bethune-Baker**, G. T. *Nov. Zool., Tring.* **11**, 1904, (405-407).

Diversoscenus n. gen., *D. aroa*, *D. bicolor* nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (402-403).

Doralifera casta Scott, larva. **Rainbow**, W. J. *Sydney, N.S.W., Rec. Austr. Mus.*, **5**, 1904, (253-254, with 1 pl.).

Euproctis nn. spp. New Guinea. **Bethune-Baker**, G. T. *Nov. Zool., Tring.* **11**, 1904, (398-402); *E.* nn. spp. Queensland. **Turner**, A. J. *London, Trans. Ent. Soc.*, **1904**, (475); *E. chrysorrhoea*, life history and habits. **Fernald**, C. H. and **Kirkland**, A. H. *Boston*, 1903, (73, with 11 pls., incl. front., map); *E. lyelene* n. sp. Borneo. **Swinhoe**, C. *London, Trans. Ent. Soc.*, **1904**, (414); *E. lyoma* n. sp. Cameroons. **Swinhoe**, C. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **14**, 1904, (431); *E. revera* n. sp. New Guinea. **Swinhoe**, C. *l.c.* (421).

Girpa notata Holl. transferred to *Geodena*. **Swinhoe**, C. *London, Trans. Ent. Soc.*, **1904**, (451).

Heteronygmia manicata Auriv. (as *Lymantria*) = (*rhodapicata* Holl.). **Swinhoe**, C. *l.c.* (416).

Imaus nn. spp. New Guinea. **Bethune-Baker**, G. T. *Nov. Zool., Tring.* **11**, 1904, (409-411).

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Liparis monacha, its appearance at Fiholm. **Meves**, J. *Entomol. Tidskr.*, Stockholm, **23**, 1902, (238-240).

Lomadonta nn. spp. W. Africa. **Swinhoe**, C. *London, Trans. Ent. Soc.*, **1904**, (446-447).

Lymantria nn. spp. New Guinea. **Bethune-Baker**, G. T. *Nov. Zool., Tring.* **11**, 1904, (407-408); *L. monacha* Lin., biology, parasites and diseases. **Bengtsson**, S. *Entomol. Tidskr.*, Stockholm, **23**, 1902, (125-194, with pl.);

Upps. Prakt. Entomol., Stockholm, **12**, 1902, (67-136, with pl.); *L. monacha* in Sweden 1898-1902. **Meves**, J. Tidskr. f. Skogsh., Stockholm, **31**, 1903, (23-35).

Oeneria spp. albins. **Gadeau de Kerville**, H. Paris, Bul. soc. ent., **1903**, (88-89, av. fig.).

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Geodena quadriguttata, synonymy and nn. spp. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (148-150).

Xylecata n. gen., *Deilemerinae*, *X. drana* n. sp., including *Nyetemera simplex* Walk. **Swinhoe**, C. Lc. (148).

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Aceo n. gen., *Lithosiinae*, *A. bicolora* n. sp. **Bethune-Baker**, G. T. Lc. (418).

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Aretia caja L., appareil digestif. **Bordas**, L. Paris, C.-R. soc. biol., **55**, 1903, (676-677); *A. caja* ab. *futura* Fick., ab. *dealbata* n. ab. **Schultz**, O. Ent. Zs., Guben, **18**, 1901, (101-102); *A. maculosa* var. *sojota* n. var. Mongolia. **Četverikov**, S. Rev. Russ. Ent., Jaroslavl', **4**, 1901, (79); *A. villica*, Varia-

bilität. **Schultz**, O. Ent. Zs., Guben, **18**, 1904, (105, 109-112, 113-114).

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Byrsia amoena: guizonis n. subsp. **Jordan**, K. Nov. Zool., Tring, **11**, 1901, (143).

Callimorpha coccinea n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (151).

Caprimina choiseuli n. sp. Solomon Islands. *C. coerulea*: *mononis* n. subsp. **Jordan**, K. Nov. Zool., Tring, **11**, 1904, (443).

Careinopodia onychipodioides n. sp. Angola. **Heyn**, K. Ent. Zs., Guben, **17**, 1903, (27-28).

Celama nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1901, (pl. V, figs. 39-42).

Chionacma nn. spp. New Guinea. **Bethune-Baker**, G. T. Lc. (422-423); *C. affinis* n. sp. Java. **Piepers**, M. C. and **Snellen**, P. O. T. s' Gravenhage, Tijdschr. Ent., **47**, 1904, (136-167).

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Chrysosecta flavostriata n. sp. New Guinea. **Bethune-Baker**, G. T. Lc. (417).

Cleolisia aroa n. sp. New Guinea. **Bethune-Baker**, G. T. Lc. (424).

Clerkia securizonis: guizonis n. subsp. **Jordan**, K. Lc. (442).

Deilemera nn. spp. New Guinea. **Bethune-Baker**, G. T. Lc. (411-412); *D. ratrayi* n. sp. Uganda. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (147); *D. eddela* n. sp. Engano. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (420).

Diacrisia nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (412-413); *D. (Spilosoma) mendica* Cl. ab. *rustiae*, capture

d'un mâle à Vannes. **Joannis**, J. de. Paris, Bull. soc. ent., **1903**, (226); *D. sinio* var. *caucasica* n. var. **Šapošnikov**, Ch. G. St. Peterburg, Ann. Mus. Zool. Ac. Sc., **9**, 1904, (253).

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Gnophacla clappiana, *rudivosensis* n. idiomorph. **Cockerell**, T. D. A. Entomologist, London, **1904**, (213).

Graphosia ochracea n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (415).

Halesidota albipennis n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (166).

Halone flavopunctata n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (421).

Hylemera funesta Warr. transferred to *Geodena*. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (149).

Ilema nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (119-120).

Ischnocampa tovia n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (115).

Lambula nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (416).

Lyclene peloa n. sp. Sumatra. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (420).

Macaduna nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (121).

Macnas punctatostrigata n. sp. New Guinea. **Bethune-Baker**, G. T. l.c. (412).

(N 2-5658)

Mitochrista retusta n. sp. Java. **Piepers**, M. C. and **Snellen**, P. O. T. 's Gravenhage, Tijdschr. Ent., **47**, 1904, (136-167).

Nishada melanopa n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (117).

Oronistis bicolora n. sp. **Bethune-Baker**, G. T. l.c. (120).

Paradohertya n. gen., *Lithosiinae*, *P. trifascia* n. sp. New Guinea. **Bethune-Baker**, G. T. l.c. (121).

Parasemia plantaginis L. ab. (var. ?) *henrichoriensis* n. **Schultz**, O. Ent. Zs., Guben, **18**, 1904, (85); *P. plantaginis*, Hermaphroditismus. **Löffler**, C. l.c. (18-19).

Phragmatobia fuliginosa, habits, distribution, variation, etc. **Tutt**, J. W. Ent. Rec., London, **16**, 1904, (58-67); **Dollman**, J. C. l.c. (111-116); **Bacot**, A. W. l.c. (176-182); *P. sordida* Zwitter. **Hyckel**, J. Ent. Zs., Guben, **18**, 1904, (56).

Pseudilema n. gen., *P. dinawa* n. sp. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (118, 119).

Pygarcia neomexicana n. sp. Texas. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (166).

Roeselia basifusca n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (115).

Scaptosyle nn. spp. Java. **Piepers**, M. C. and **Snellen**, P. O. T. 's Gravenhage, Tijdschr., Ent., **47**, 1904, (119-150); *S. aroa* n. sp. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (122).

Schistophleps nn. spp. **Bethune-Baker**, G. T. l.c. (126).

Scoliacma nn. spp. New Guinea. **Bethune-Baker**, G. T. l.c. (116-117).

Spilosoma mendica Cl. und var. *rustica* Hb., sowie über die vermutete Mimikry der ersteren. **Federley**, H. Allg. Zs. Ent., Neudamm, **9**, 1904, (178-181).

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Burgena splendida = *pectoralis* n. subsp. **Jordan, K. l.e.** (144).

Enydra, Uebersicht der Arten, *E. karschi* n. sp. Centralafrika. **Bartel, M. Wien, Verh. ZoolBot. Ges., 53, 1903, (120-130).**

Godasia sidae var. *orientalis* n. var. **Bartel, M. l.e.** (120-130).

Pais ansorgei n. sp. Africa. **Jordan, K. Nov. Zool., Tring, 11, 1901, (415); P. moldaenkei** Dew., Beschreibung, *P. nyassana* n. sp. Centralafrika. **Bartel, M. Wien, Verh. ZoolBot. Ges., 53, 1903, (120-130).**

Pseudopais n. gen., *P. nigrobasalis* n. sp. Centralafrika. **Bartel, M. l.e.** (120-130).

Pseudospiris jucunda n. sp. Angola. **Jordan, K. Nov. Zool., Tring, 11, 1901, (441).**

Rothia mariae n. sp. Uganda. **Swinhoe, C. London, Trans. Ent. Soc., 1904, (139).**

Syfanoidca n. gen., *S. schenki* n. sp. Natal. **Bartel, M. Wien, Verh. ZoolBot. Ges., 53, 1903, (120-130).**

Tuerta hemicycla n. sp. Bahamas. **Hampson, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1901, (166); T. thomensis n. sp. St. Thomé. **Jordan, K. Nov. Zool., Tring, 11, 1904, (415).****

Xanthospilopteryx abacata Karsch, *X. karschi* Holl., *X. lomata* Karsch, Beschreibung; nn. spp. Afrika. **Bartel, M. Wien, Verh. ZoolBot. Ges., 53, 1903, (120-130); X. catori n. sp. Sierra Leone. **Jordan, K. Nov. Zool., Tring, 11, 1901, (413); X. pallida Walk. ab. *mabillei* n. ab. Kongo, Kamerun. **Bartel, M. Wien, Verh. ZoolBot. Ges., 53, 1903, (120-130).******

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Abraxas grossulariata nn. abb. **Gillmer, M. J. Ent. Zs., Guben, 17, 1903, (9-10); A. macularia n. sp., *A. grossulariata* L. var. *minor* n. var. **Herz, O. St. Petersburg, Ann. Mus. Zool. Ac. Sc., 9, 1904, (353); A. transvisata n. sp. Peru. **Warren, W. Nov. Zool., Tring, 11, 1904, (513).******

Aeidalia emutaria, egg and young larva. **Sich, A. Entomologist, London, 1904, (108-109).**

Acrosemia dichorda n. sp. Bahamas. **Hampson, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7) 14, 1901, (177).**

Acrotomodes lichenifera n. sp. Peru. **Warren, W. Nov. Zool., Tring, 11, 1904, (564).**

Aeschropteryx nn. spp. Mexico. **Warren, W. l.e.** (128); *A. praeurcata* n. sp. Paraguay. **Warren, W. l.e.** (564).

Agathia elenaria n. sp. Old Calabar. **Swinhoe, C. London, Trans. Ent. Soc., 1904, (512); A. pauper n. sp. Warri. **Warren, W. Nov. Zool., Tring, 11, 1904, (463).****

Agraptochlora nn. spp. Angola. **Warren, W. l.e.** (463-464).

Alcis huamani n. sp. Peru. **Dognin, P. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (363).**

Aletis rubricaput n. sp. Gold Coast. **Swinhoe, C. London, Trans. Ent. Soc., 1904, (578).**

Alex aurantiata n. sp. Obi. **Warren, W. Nov. Zool., Tring, 11, 1904, (481).**

Amawinia nn. spp. S. America. **Warren, W. l.e.** (81, 525, 526).

Ameria seminigra n. sp. Peru. **Warren, W. l.e.** (81).

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Anapalta n. gen. *Hydriomeninae*, *A. perlecora*, *A. rossolira*, *A. sombrera*, *A. violetta*, *A. subfusca* nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (13-15, 576); *A. ruficoesia* n. sp. Argentine. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (359).

Anisodes nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1901, 27-31; *A.* nn. spp. Peru. **Warren**, W. l.c. (507-510).

Anisolasia n. gen. *Hydriomeninae*, for *Cataclysmia napassa* Dogn. **Warren**, W. l.c. (16).

Anisoperas nn. spp. S. America. **Warren**, W. l.c. (120); *A.* nn. spp. America. **Warren**, W. l.c. (564-565).

Aphilopota ambusta n. sp. Angola. **Warren**, W. l.c. (172).

Apicia distinguished from *Caberodes*, *A. fuchslineata* ♂, *A. subfasciata* ab., *obscurata* n. ab. **Warren**, W. l.c. (130); *A.* nn. spp. S. America. **Warren**, W. l.c. (566).

Apiciopsis n. gen. near *Apicia*, *A. angusta*, *A. obliquaria* nn. spp. S. America. **Warren**, W. l.c. (131).

Aplodes punctata n. sp. Jamaica. **Warren**, W. l.c. (19); *A. rubifrontaria* Packard var. *darwiniana* n. var. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (779-938).

Aplorama n. gen., type *Byssodes nazula* Druce. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (91).

Archichlora marcescens n. sp. Niger. **Warren**, W. l.c. (165).

Argyrotope ferruginea var. *albinata* n. var. **Warren**, W. l.c. (93).

Arhodia modesta n. sp. Townsville. **Warren**, W. l.c. (185).

Asestra ustularia n. sp. Bolivia. **Warren**, W. l.c. (132).
(x 2-5658)

Asthena cathecta n. sp., *A. pulchraria* Dblld. var. *decolor* n. var. Australia. **Turner**, A. J. Melbourne, Proc. R. Soc. Viet., (N. Ser.), **16**, 1901, (213).

Asypochia membranacea n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (515); *A. sublaturata* n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (120-121).

Axiodes, definition amended. *A. ennomaria* n. sp. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (180).

Azelina nn. spp. S. America. **Warren**, W. l.c. (132-133); *A.* nn. spp. Peru. **Warren**, W. l.c. (566-567); *A. vulpecula* n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (369).

Bassania fortis n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (567).

Biston. **Decker**, F. Ent. Zs., Guben, **17**, 1903, (21-22, 25-26); *B. calaria* n. sp. E. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (527); *B. hiosarius* ♂ × *pomonarius*. **Decker**, F. Ent. Zs., Guben, **17**, 1903, (3-4); *B. pilzii* Stdfs. Hybridus *Biston hirtaria* Cl ♂ × *B. pomonaria* Hb. ♀. **Kabis**, G. l.c. **18**, 1904, (31).

Blechrhoma nn. spp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (502, 503).

Boarmia nn. spp. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (532, 533); *B. aroensis* n. sp. New Guinea. **Rothschild**, Hon. W. Nov. Zool., Tring, **11**, 1901, (322, pl. III, fig. 29); *B. cilicor-naria* n. sp. **Püngeler**, R. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (296); *B. consortaria* Fabr. var. *marginata* n. var. **Herz**, O. St. Petersburg, Ann. Mus. Zool. Ac. Sc., **9**, 1901, (372); *B. selenaria*, larval habits. **Stebbing**, E. P. London, J. Linn. Soc., **29**, 1901, (151, pl. XVIII B).

Bonatea maculata n. sp. Bolivia. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (367-368); *B. viridilinea* n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (568).

Bordeta aroensis n. sp. New Guinea. **Rothschild**, Hon. W. l.c. (319, pl. III, fig. 37).

Brabirodes n. gen. *Tephroclystinae*, *B. peruviana* n. sp. **Warren**, W. l.c. (528).

Brachytenistis n. gen. *Ennominae*, *B. undilinea* n. sp. Peru. Warren, W. l.c. (133, 134).

Brachystichia n. gen. near *Apicia*, *B. nitida* n. sp. Paraguay. Warren, W. l.c. (134).

Brachytrita n. gen., *Orthostixinae*, *B. cervinaria* n. sp. E. Africa. Swinhoe, C. London, Trans. Ent. Soc., 1904, (576).

Bronchelia fumistrata n. sp. Peru. Warren, W. Nov. Zool., Tring, 11, 1904, (550).

Bryoptera nn. spp. Peru. Warren, W. l.c. (107); l.c. (551).

Buttia n. gen. *Prosopopolophinae*, *B. noctuodes* n. sp. S. Africa. Warren, W. l.c. (481).

Cabira lignicolor n. sp. Peru. Warren, W. l.c. (125).

Callipia nn. spp. S. America. Warren, W. l.c. (79-80); l.c. (538-539).

Callimeustes nn. spp. Bolivia. Warren, W. l.c. (116).

Calocalpe nn. spp. Peru. Dognin, P. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (361-362).

Calyptocome nn. spp. S. America. Warren, W. Nov. Zool., Tring, 11, 1904, (32-33).

Cambogia nn. spp. S. America. Warren, W. l.c. (82-85).

Campylona nn. spp. S. America. Warren, W. l.c. (11); l.c. (500).

Caradrinopsis n. gen., *C. obscuraria* n. sp. E. Africa. Swinhoe, C. London, Trans. Ent. Soc., 1904, (534).

Caripeta interalbicans n. sp. Colorado. Warren, W. Nov. Zool., Tring, 11, 1904, (135).

Catascia haylenata ab. *obliterata* n. ab. Warren, W. l.c. (115).

Celerena substigmatica n. sp. Cobi. Warren, W. l.c. (485).

Certima nn. spp. S. America. Warren, W. l.c. (135-136 568-569); *C. nummifera* to *Crenothalia*. Warren, W. l.c. (559).

Cheimatobia brumata, destructive in gardens. Tullgren, A. Stockholm, Tidning Stockholm Hush.-Sällsk., 1904, (121-128).

Chesias spartiata var. *capriata* n. var. Prout, L. B. Entomologist, London, 1904, (60).

Chlorochacta n. gen., *Geometrinæ*, *C. longipennis* n. sp. Warren, W. Nov. Zool., Tring, 11, 1904, (461).

Chloroclystis nn. spp. Australia. Turner, A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 16, 1904, (231-234); *C. chloerata* Mab. v. *hadenata* Fuchs, new for Scandinavia. Strand, E. Entomol. Tidskr., Stockholm, 23, 1902, (48); *C. fulminea* Dogn. to *Eschnopteris*, description. Warren, W. Nov. Zool., Tring, 11, 1904, (118); *C. microptilota* n. sp. Peru. Warren, W. l.c. (86); *C. sierraria* n. sp. W. Africa. Swinhoe, C. London, Trans. Ent. Soc., 1904, (573).

Chogada acaciaria abb. *flavipeta*, *fumata* nn. abb. Warren, W. Nov. Zool., Tring, 11, 1904, (474).

Chrysoceraspeda nn. spp. Africa. Swinhoe, C. London, Trans. Ent. Soc., 1904, (562-564); *C. leighata* n. sp. Durban. Warren, W. Nov. Zool., Tring, 11, 1904, (466).

Cidariophanes mamestrina n. sp. Peru. Warren, W. l.c. (556).

Cimicodes raptinacula n. sp. Bolivia. Warren, W. l.c. (137).

Cleora gracilis n. sp. Jamaica. Warren, W. l.c. (107).

Cnephora falcata n. sp. Peru. Dognin, P. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (368-369).

Coenina dentataria n. sp. Abyssinia. Swinhoe, C. London, Trans. Ent. Soc., 1904, (513).

Coenocalpe elongata n. sp. Peru. Dognin, P. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (360-361).

Colpodonta phyllostontaria n. sp. Peru. Warren, W. Nov. Zool., Tring, 11, 1904, (569).

Comibaena flavidisca n. sp. Peru. Warren, W. l.c. (20).

Cophocerotis nn. spp. Peru. Warren, W. l.c. (539, 540); *C. instar* n. sp. Peru. Dognin, P. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (362).

Coptopteryx nigraria n. sp. W. Africa. Swinhoe, C. London, Trans. Ent. Soc., 1904, (514).

Coremia ferrugata var. **Woodbridge**, F. E. Entomologist, London, **1904**, 101.

Cosymbia anandaria n. sp. Trop. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (561).

Craspedia nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1904, 33-36; *C. epiphora* n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (179).

Cratoptera subcitrina n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (137).

Crocoteryx aurora n. sp. Peru. **Warren**, W. l.c. (570).

Cryptoloba dentifascia n. sp. India. **Warren**, W. l.c. (189).

Cusiala? pulverosa n. sp. Natal. **Warren**, W. l.c. (172).

Cylopolia chibcha ab. *cuneifera* n. ab., *C. augustistriga* n. sp. **Warren**, W. l.c. (15).

Cymatophora commaculata **Warren**, to *Melanoscia* nn. spp. **Warren**, W. l.c. (108, 552-553, 555); *C. (?) chanchani* n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (364-365); *C. matilda* n. sp. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (779-938).

Darna nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (15); l.c. (500, 501).

Dasystema n. gen. for *Phytometra tristis*. **Turner**, A. J. Melbourne, Proc. R. Soc. Viet., (N. Ser.), **16**, 1904, (277).

Dasyuris nn. spp. Australia. **Turner**, A. J. l.c. (275).

Deinopygia n. gen. near *Ptychopoda*, *D. caudata* n. sp. Venezuela. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (511).

Devarodes n. gen., *Braccinac*, *D. albibasis*, *D. semialbata*, *D. vestigiata*, *D. subincta* nn. spp. S. America. **Warren**, W. l.c. (97, 544).

Diaetinia albinodosa n. sp. Peru. **Warren**, W. l.c. (16).

Diceratucha n. gen. for *Oenone xenopis* Low. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (133).

Dichorda nn. spp. Mexico. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (503).

Dichromatopodia distans n. sp. Santa Marta. **Warren**, W. l.c. (36).

Diploetena n. gen., *D. argocyma* n. sp. **Turner**, A. J. Melbourne, Proc. R. Soc. Viet., (N. Ser.), **16**, 1904, (269).

Dolichopyge nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (46, 47).

Drepanodes fulvilinca n. sp. Peru. **Warren**, W. l.c. (138).

Drucia latimargo n. sp. Peru. **Warren**, W. l.c. (20).

Durbana n. gen. for *Fidonia setinata* Feld. **Warren**, W. l.c. (170).

Dyscia Hub. = (*Scodonia* auctt.) nn. spp. S. Africa. **Warren**, W. l.c. (476).

Dysphania nn. spp. **Bastelberger**, [M. J.], Ent. Zs., Guben, **18**, 1901, (115-116); *D.* nn. spp. Sumatra. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (485, 486).

Dyspteris parvula n. sp. Brit. Guiana. **Warren**, W. l.c. (527).

Ectropis nacaria n. sp. Ashanti. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (530); *E. subaurata* to *Myrioblephara*, *E. fulvitincta* n. sp. Durban. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (474, 475).

Ellopija prosopiararia var. *ochrearia* n. var. **Joannis**, J. de. Paris, Bull. soc. ent., **1903**, (231-232).

Elphos picaria n. sp. Celebes. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (490).

Emmiltis nn. spp. Africa and Madagascar. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (554-558); *E. (Craspedia)* nn. spp. Africa and S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (166-167, 512).

Emplocia = (*Devara* Walk.), *E. caliadata* n. sp. Peru. **Warren**, W. l.c. (96-97).

Encoma n. gen., *E. irisaria* n. sp. Uganda. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (523).

Entogonia n. gen., *Oenochrominac*, *E. schistucca* n. sp. Bolivia. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (12).

Ephialtas formax ab. *latimargo* n. ab.
Warren, W. l.c. (16).

Epione advenaria Hübn. ab. *fulva*,
Gillmer n. ab. Ent. Zs., Guben, 17,
1904, (80); Gillmer, M. Nachtrag
dazu v. H. Schultz, ebenda, 18, 1904,
(49).

Epirrhoe heliopharia n. sp. Uganda.
Swinhoe, C. London, Trans. Ent. Soc.,
1904, (569); *E. limitata* n. sp. Peru.
Warren, W. Nov. Zool., Tring, 11,
1904, (517).

Episothalma kabaria n. sp. W.
Africa. Swinhoe, C. London, Trans.
Ent. Soc., 1904, (541).

Eratelina caeruleopieta n. sp. Peru.
Warren, W. Nov. Zool., Tring, 11,
1904, (536).

Ereboclora ruficostaria with var.
pernigrata, *E. sublactea* nn. spp. Peru.
Warren, W. l.c. (47, 48); *E. rufi-*
costaria ab. *semifumata* n. ab. Warren,
W. l.c. (517).

Erilophodes indistincta n. sp. Santa
Marta. Warren, W. l.c. (173).

Eriopygidia nn. spp. Peru, Argen-
tina. Dognin, P. Bruxelles, Ann. Soc.
ent. Belgique, 48, 1904, (359-360);
E. nn. spp. S. America. Warren, W.
Nov. Zool., Tring, 11, 1904, (49-50,
518); *E. isolata* Kaye (as *Arima*) =
engelkei Warr., *E. rufivena* ♀.
Warren, W. l.c. (517).

Erosia dilacerata Guen. to *Gathynia*.
Warren, W. l.c. (495).

Eubolia semilutata ab. *fusca* n. ab.
Herz, O. St. Petersburg, Ann. Mus.
Zool. Ac. Sc., 9, 1901, (374-375).

Eubordeta n. gen., including *Bordeta*
hypocata and *E. meeki*, *E. eichhorni*,
E. miranda nn. spp. Rothschild,
Hon. W. Nov. Zool., Tring, 11, 1904,
(310-322).

Eucestia neddaria n. sp. Uganda.
Swinhoe, C. London, Trans. Ent. Soc.,
1904, (574).

Euchloris heterospila n. sp. Bahamas.
Hampson, Sir G. F. Ann. Mag. Nat.
Hist., London, (Ser. 7), 14, 1904, (178).

Euchontha nn. spp. Peru. Warren,
W. Nov. Zool., Tring, 11, 1904, (16).

Eucymatoge nn. spp. Australia
Turner, A. J. Melbourne, Proc. R. Soc.
Vict., (N. Ser.), 16, 1904, (247, 248);

E. nn. spp. Warren, W. Nov. Zool.,
Tring, 11, 1904, (86, 528-529).

Eudule nn. spp. S. America.
Warren, W. l.c. (81, 541).

Enlype albifusa n. sp. Philippines.
Swinhoe, C. Ann. Mag. Nat. Hist.,
London, (Ser. 7), 14, 1904, (134).

Euomoea carneata n. sp. S. Africa.
Warren, W. Nov. Zool., Tring, 11,
1904, (481).

Eupagia nigerrima n. sp. Abyssinia.
Swinhoe, C. London, Trans. Ent. Soc.,
1904, (526).

Eupithecia nn. spp. Dietze, K.
D. ent. Zs. Iris, Berlin, 16, (1903), 1904,
(331-337, mit 3 Taf.).

Eusenea castanea n. sp. Peru.
Warren, W. Nov. Zool., Tring, 11, 1904,
(570).

Eutomopepla brunnea n. sp. Bolivia.
Dognin, P. Bruxelles, Ann. Soc. ent.
Belgique, 48, 1904, (366); *E. fulgorifera*
n. sp. Bolivia. Warren, W. Nov. Zool.,
Tring, 11, 1904, (139).

Ezelis extorris n. sp. Natal, Colorado.
Warren, W. l.c. (482); *E. fumida*
n. sp. America. Warren, W. l.c. (581).

Fisera perplexata = (*Criomacha beli-*
deuria Feld.). Warren, W. l.c. (492).

Fulgurodes subnotata n. sp. Peru.
Warren, W. l.c. (545).

Gabriola n. gen., *G. dyari* n. sp.
Taylor, G. W. Canad. Ent., Toronto,
36, 1904, (255-256).

Gagitodes plumbinotata n. sp. Peru.
Warren, W. Nov. Zool., Tring, 11,
1904, (519).

Gastrina Guen. = (*Passa* Walk.), *G.*
serrata Walk. (as *Xylina*) = *denticulata*
Swinh.). Swinhoe, C. Ann. Mag. Nat.
Hist., London, (Ser. 7), 14, 1904, (133).

Gelasma stigmatica n. sp. Peru.
Warren, W. Nov. Zool., Tring, 11,
1904, (20).

Geolyces rufaria n. sp. Old Calabar.
Swinhoe, C. London, Trans. Ent. Soc.,
1904, (519).

Gnophos nn. spp. Püngeler, R. D.
ent. Zs. Iris, Berlin, 16, (1903), 1904,
(297-298); *G. iveni* Ersch., n. ab.
der paläarktischen Lepidopterenfauna.
Fuchs, A. Wiesbaden, Arb. Ver. Natk.,
58, 1903, (51-54); *G. myrtilla* ab. ana-

stomosis n. ab. **Strand**, E. *Nyt Mag. Naturv.*, Kristiania, **42**, 1901, (112); *G. obfuscata*, *G. glaucinaria*, distinctions. **Prout**, L. B. *Ent. Rec.*, London, **16**, 1901, (121); *G. operaria* Hb. var., *hoefneri* n. var. **Rebel**, H. *Wien. Verh. ZoolBot. Ges.*, **53**, 1903, (125-126).

Gonanticlea subpilosa n. sp. **Bayan**. **Warren**, W. *Nov. Zool.*, Tring, **11**, 1901, (188).

Gonochlora n. gen. near *Iodis*, *G. minutaria* n. sp. **Sierra Leone**. **Swinhoe**, C. *London, Trans. Ent. Soc.*, **1904**, (518).

Gonolela nn. spp. **Africa**. **Warren**, W. *Nov. Zool.*, Tring, **11**, 1901, (179).

Gonolentis nn. spp. **Trop. Africa**. **Swinhoe**, C. *London, Trans. Ent. Soc.*, **1904**, (526, 527); *G. bidentata* var. *exsul* n. var. **Mongolia**. **Četverikov**, S. *Rev. Russ. Ent.*, **Jaroslavl**, **4**, 1901, (78).

Gymnoscelis nn. spp. **Australia**. **Turner**, A. J. *Melbourne, Proc. R. Soc. Vict.*, (N. Ser.), **16**, 1901, (221, 226, 227).

Gyostega n. gen., *Palyadinea*, *G. floecosa* n. sp. **Peru**. **Warren**, W. *Nov. Zool.*, Tring, **11**, 1901, (93-94).

Haemalea atridiseata n. sp. **Peru**. **Warren**, W. *l.c.* (37).

Haegardia n. gen. for part of *Eubyja*, *H. melanostigma* n. sp. **Angola**. **Warren**, W. *l.c.* (473).

Hammaptera nn. spp. **S. America**. **Warren**, W. *l.c.* (51-53).

Hemerophila brunnearia n. sp. **Herz**, O. *St. Petersburg, Ann. Mus. Zool. Ac. Sc.*, **9**, 1901, (367-368); *H. malaria* n. sp. **Congo**. **Swinhoe**, C. *London, Trans. Ent. Soc.*, **1904**, (535).

Hemerophila v. also *Tineidae*.

Hemicopsis n. gen., *H. purpuraria* n. sp. **E. Africa**. **Swinhoe**, C. *London, Trans. Ent. Soc.*, **1904**, (525, 526).

Hemiqynnodes, characters and position. **Warren**, W. *Nov. Zool.*, Tring, **11**, 1901, (17).

Hemioplisis nn. spp. **Peru**. **Warren**, W. *l.c.* (5-6).

Hemitheia sapoliaria n. sp. **Mombasa**. **Swinhoe**, C. *London, Trans. Ent. Soc.*, **1904**, (517).

Hemirera n. gen., *Ennominae*, *H. orthosioides* n. sp. **Peru**. **Warren**, W. *Nov. Zool.*, Tring, **11**, 1901, (139).

Herbita nn. spp. **Mexico**. **Warren**, W. *l.c.* (110).

Heterephyra pustulata n. sp. **Peru**. **Warren**, W. *l.c.* (37).

Hetererannis n. gen., type *Boarmia obliquaria* (Grote, **Warren**, W. *l.c.* (196).

Heteroleuca n. gen., *Nephodiniæ*, *H. albida* n. sp. **Peru**. **Warren**, W. *l.c.* (101).

Heterolocha xerophilaria n. sp. **Pängel**, H. *D. ent. Zs. Iris*, Berlin, **16**, (1903), 1901, (265).

Heterorachis rubella n. sp. **Niger**. **Warren**, W. *Nov. Zool.*, Tring, **11**, 1901, (165).

Heterusia nn. spp. **S. America**. **Warren**, W. *l.c.* (89-91, 536, 537); *H. picata* n. sp. **Bolivia**. **Dognin**, P. *Bruxelles, Ann. Soc. ent. Belgique*, **48**, 1901, (120); *H. semiflava* n. sp. **New Guinea**. **Jordan**, K. *Nov. Zool.*, Tring, **11**, 1901, (117).

Himerominia n. gen. for *Mecoceras autis* Druce. **Warren**, W. *l.c.* (141).

Hirasa? denticulata n. sp. **Natal**. **Warren**, W. *l.c.* (473).

Hyalopola n. nom. for *Hyalospila* Warr. **Warren**, W. *l.c.* (101).

Hyalorrhoe n. gen. near *Prohydata* *H. stigmatica* n. sp. **Warren**, W. *l.c.* (21).

Hydata diaphana n. sp. **Peru**. **Warren**, W. *l.c.* (86).

Hyalotacpnia subapicata n. sp. **Niger**. **Warren**, W. *l.c.* (469).

Hydatoscia n. gen., type *Trygodes ategna* Druce. **Warren**, W. *l.c.* (101).

Hydriomena nn. spp. **America**. **Warren**, W. *l.c.* (53, 519); *H.* nn. spp. **Australia**. **Turner**, A. J. *Melbourne, Proc. R. Soc. Vict.*, (N. Ser.), **16**, 1901, (253-265).

Hygrochroma nn. spp. **S. America**. **Warren**, W. *Nov. Zool.*, Tring, **11**, 1901, (111-112, 571).

Hylemera nn. spp. **Niger**. **Warren**, W. *l.c.* (171-172).

Hymenomima nn. spp. **Peru**. **Warren**, W. *l.c.* (109-110).

Hyperythra rubricata not a var. of *Iteua*, ab. *decolor* n. ab. **Warren**, W. *l.c.* (491).

Hyphedyle subornata n. sp. Peru. Warren, W. l.e. (499).

Hyphenophora acemonia n. sp. Uganda. Swinhoe, C. London, Trans. Ent. Soc., 1904, (498).

Hypochrosis actionaria n. sp. Madagascar. Swinhoe, C. l.e. (522).

Hypolepis n. gen. near *Psaliodes*, *H. albistriga*, *H. castanea*, *H. conspersata*, *H. plumescens*, *H. prunicolor*, *H. sordida*, *H. strigosa* nn. spp. Peru. Warren, W. Nov. Zool., Tring, 11, 1904, (51-57); *H. brunnata*, *H. completa* nn. spp. l.e. (520).

Hypometalla n. gen. for *Acidalia mimetaria* Feld. Warren, W. l.e. (563).

Hyposidra smithi n. sp. Congo. Warren, W. l.e. (480).

Ira nn. spp. S. America. Warren, W. l.e. (142-145).

Iridopsis nn. spp. Argentina. Dognin, P. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (363-364); *I. commixtata* n. sp. Tucuman. Dognin, P. l.e. (121); *I. schistacea* ab. *radiata* n. ab.; nn. spp. Warren, W. Nov. Zool., Tring, 11, 1904, (553-554, 110, 111).

Ischnopteris nn. spp. Peru. Warren, W. l.e. (116-118, 556-558).

Ischnopteryx viriosa n. sp. Peru. Dognin, P. Bruxelles, Ann. soc. ent. Belgique, 48, 1904, (365).

Isochromodes nn. spp. Peru. Warren, W. Nov. Zool., Tring, 11, 1904, (116-151, 572-573).

Isodiscodes n. gen., *Hydriomeninae*, *I. polycryma* n. sp. Peru. Warren, W. l.e. (521).

Josia nn. spp. S. America. Warren, W. l.e. (17-18).

Lampropteryx trilineata n. sp. Colorado. Warren, W. l.e. (57).

Larentia nn. spp. Püngeler, R. D. ent. Zs. Iris, Berlin, 16, (1903), 1904, (292-294); *L. bilineata*, Variabilität. Aigner-Abafi, L. von. Wien, Verh. ZoolBot. Ges., 53, 1903, (162-166); *L. multistrigaria* varr. Tutt, J. W. Ent. Rec., London, 16, 1901, (303-305); *L. sordidulata* F. ab. *constricta* n. ab. Strand, E. Nyt Mag. Naturv., Kristiania, 42, 1901, (110).

Lasiops (?) *puechi* n. sp. Peru. Dognin, P. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (368).

Leucoetenorrhoe n. gen. near *Amaturina*, *L. quadrilinea* n. sp. Warren, W. Nov. Zool., Tring, 11, 1904, (526, 527).

Leucolithodes n. gen. for *Bryoptera pantherata* Feld. Warren, W. l.e. (582).

Leucothoa persordida n. sp. Bolivia. Warren, W. l.e. (6).

Leucorcas n. gen. *Oenochrominae*, *L. rhodosticta* n. sp. Peru. Warren, W. l.e. (13).

Leucolopsis approximans n. sp. Peru. Dognin, P. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (362-363).

Ligonia bottgeri n. sp. Peru. Warren, W. Nov. Zool., Tring, 11, 1904, (513).

Lipomelia nn. spp. S. America. Warren, W. l.e. (37-38).

Lissochlora nn. spp. S. America. Warren, W. l.e. (21, 504).

Lomographa nn. spp. S. America. Warren, W. l.e. (92).

Lophochorista n. gen. near *Hydata* for *Rachiospila calliope* Druce. Warren, W. l.e. (22).

Loxapicia n. gen. for part of *Apicia*, *L. straminea*, *L. humerata* nn. spp. S. America. Warren, W. l.e. (152).

Loxaspilates bluetgeni n. sp. Püngeler, R. D. ent. Zs. Iris, Berlin, 16, (1903), 1904, (299).

Lozogramma nn. spp. Colorado. Warren, W. Nov. Zool., Tring, 11, 1904, (561).

Luxiaria pudens n. sp. Niger. Swinhoe, C. London, Trans. Ent. Soc., 1904, (501).

Lycauges nn. spp. Trop. Africa. Swinhoe, C. l.e. (553).

Lygris peloponnesiaca Rbl., ihre Entwicklung und Gewohnheiten. Holtz, M. Insektenbörse, Leipzig, 21, 1901, (148-149).

Macaria biflaria n. sp. Bahamas. Hampson, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1901, (176); *M. minorata* Packard var. *incolorata* n. sp. British Columbia. Dyar, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., 27, 1904, (906).

Malacoleia regularia, dans les environs de St. Pétersbourg. **Kuznecov**, N. J. Rev. russ. ent., Jaroslavl, **4**, No. 1, 1904, (10-13, av. 2 figs.).

Melanippe rivata, *M. ductuata* varr. **Woodbridge**. Entomologist, London, **1904**, (9, with figs.).

Melanolophia canadaria Guenée, var. *subgenericata* n. var. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (910).

Melanoscia n. gen. near *Iridopsis*, *M. oclusa*, *M. felina*, *M. albinacula* nn. spp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (111-113).

Melinodes nn. spp. S. America. **Warren**, W. l.e. (153, 573).

Melochlora nn. spp. Peru. **Warren**, W. l.e. (22, 501).

Merocasta purpuraria n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (176).

Mesedra n. gen., including *Apicia renusta* Dogn., *M. confinis*, *M. subsequa*, *M. munda*, *M. juvenis*, *M. violacea*, nn. spp. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (153-155).

Mesoleuca simulata Hübner var. *otisi* n. var. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (898).

Mesotype virgata, new for Norway. **Strand**, E. Entomol. Tidskr., Stockholm, **23**, 1902, (17).

Metallochlora circumscripta n. sp. Solomon Islds. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (186).

Metanema fuliginosa n. sp. **Warren**, W. l.e. (156); transferred to *Mimogenodes*. l.e. (576).

Miantonota decorata n. sp. Huatuxco. **Warren**, W. l.e. (22); *M. nigrisquama* n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (119).

Microdes diplostoma n. sp. Australia. **Turner**, A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1901, (239).

Microgonia nn. spp. and nn. abb. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (156-160, 571-575); *M. affinis* ♀, *M. scifolia* ♂, *M. umbrosa* var. *interclerata* n. var. **Warren**, W. l.e.

(571-575); *M. diluta* n. sp. Paraguay. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (366).

Microxydia nn. spp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (160, 161, 575, 576).

Milonia nn. spp. New Guinea. **Rothschild**, Hon. W. l.e. (321).

Milocera n. gen. near *Psilocladia*, *M. horaria* n. sp. Madagascar. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (522).

Mimandria insularis n. sp. Madagascar. **Swinhoe**, C. l.e. (511).

Mimoprora n. gen. near *Isochromodes*, *M. rubra* n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (161).

Mimosema nn. spp. Peru. **Warren**, W. l.e. (162).

Mixopsis nn. spp. Peru. **Warren**, W. l.e. (162, 576); *M. leolorata* Guen. (as *Cirsodes*) = (*Laublosia typaria* Feld.) **Warren**, W. l.e. (576).

Monroa n. gen. for *Cymatophora quinquelincaria* Pack. **Warren**, W. l.e. (555).

Morphomina n. gen. near *Coelura*, *M. fulvitacta* n. sp. Colombia. **Warren**, W. l.e. (8).

Nematocampa nn. spp. S. America. **Warren**, W. l.e. (163, 577).

Nemoria afflictaria n. sp. Sierra Leone. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (549).

Neobapta n. gen. *Deiliniinae*, *N. indecora* n. sp. Demarara. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (92-93).

Neocrasis heterograpta n. sp. Peru. **Warren**, W. l.e. (23).

Neodezia n. gen. for *Odezia albivittata*. **Warren**, W. l.e. (511).

Neodirades n. gen., *N. spurcata* n. sp. Peru. **Warren**, W. l.e. (8).

Neofidonia n. gen. *Ascotinae*, *N. nigrisigma* n. sp. **Warren**, W. l.e. (113); *N. olivescens* n. sp. l.e. (555).

Neonemoria n. gen. near *Neocrasis*, *N. plana* n. sp. Bolivia. **Warren**, W. l.e. (23, 24).

Neopolita n. gen. *Deiliniinae*, *N. biscela* n. sp. Angola. **Warren**, W. l.e. (170).

Neotaxia n. gen., *N. plana* n. sp. Argentina. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (365-366).

Nipteria nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (102-104, 546-550); *N. apicilineata* Dogn. to *Heteroleuca*. **Warren**, W. l.c. (545); *N. rotundata* n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (362).

Nola cristatula, Lebensgeschichte. **Gauckler**, H. Insektenbörse, Leipzig, **21**, 1904, (283-284).

Nyssia lapponaria. **Cockayne**, E. A. Entomologist, London, **1904**, (149, 150, pl. VI); variation, l.c. (249).

Ochyria thorenaria n. sp. Madagascar. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (570).

Odontopera integraria Guen. to *Colotois*. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (179).

Odontoptila marginata n. sp. Bolivia. **Warren**, W. l.c. (38).

Oedicentra gerydaria n. sp. Ashanti. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (530).

Oenoptila nn. spp. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (120, 121, 559).

Oligopleura biplagiata n. sp. Peru. **Warren**, W. l.c. (58).

Oospila nn. spp. Peru. **Warren**, W. l.c. (21, 504, 505).

Ophthalmodes albata n. sp. Sumatra. **Warren**, W. l.c. (490).

Ophthalmophora nn. spp. **Warren**, W. l.c. (94-96).

Opisthoxia nn. spp. Mexico, Peru, Ecuador. **Warren**, W. l.c. (542, 543).

Oreonoma n. gen. near *Heterusia*, *O. submarmorata* n. sp. Peru. **Warren**, W. l.c. (538).

Ortholitha coarctica, habits. (Dutch). **Brants**, A. 's Gravenhage, Tijdschr. Ent., **47**, [1901], (63-68).

Paracomistis plumosa n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (578); *P. subtractata* ♀. **Warren**, W. l.c. (163).

Paracomucha n. gen. near *Entephria* for *Cidarea chalybearia* Moore. **Warren**, W. l.c. (488).

Paradoxodes n. gen. near *Pseustoplaea*, *P. sublecora* n. sp. Peru. **Warren**, W. l.c. (164).

Paraplodes n. gen. near *Aplodes*. *P. aurata* n. sp. **Warren**, W. l.c. (24-25).

Paromala n. gen. near *Perizoma*, *P. elongata* n. sp. Ecuador. **Warren**, W. l.c. (58).

Pergama semiusta var.? *latifascia*, *P. plenilunata* n. sp. **Warren**, W. l.c. (165).

Peribolodes n. gen. *Filoniinae*, *P. bicolorata* n. sp. Brit. Guiana. **Warren**, W. l.c. (126).

Perigramma nn. spp. Bolivia. **Warren**, W. l.c. (104-105).

Perixera nn. spp. S. America. **Warren**, W. l.c. (487); *P. sublunata* n. sp. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (560).

Perizoma nn. spp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (59-60); *P. aspersa* n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (359).

Pero oliracea n. sp. Tucuman. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (578).

Perusia nn. spp. Peru. **Warren**, W. l.c. (165-166); *P. subsordida* n. sp. Peru. **Warren**, W. l.c. (579).

Petelia nn. spp. Peru. **Warren**, W. l.c. (122-123); *P. glabra* n. sp. Niger. **Warren**, W. l.c. (476).

Petrodava marginata n. sp. Abyssinia. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (503).

Phacochlaena bialbifera n. sp. Ecuador. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (18).

Phellinodes nn. spp. Bolivia. **Warren**, W. l.c. (14); *P.* nn. spp. S. America. **Warren**, W. l.c. (499).

Phlebosphales n. gen. near *Anticlea*, *P. engelkei* n. sp. **Warren**, W. l.c. (60, 61).

Phorodesma triangularia n. sp. Madagascar. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (551).

Phrygonis argyrosticta n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (176); *P. modesta* n. sp. Minas

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Phyllodonta nn. spp. Peru. Warren, W. l.c. (166-168); *P. pseudolongma* n. sp. Peru. Warren, W. l.c. (579); *P. songaria* var. *obscura* n. var. Bolivia. Dognin, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (366-367).

Pigia semicostata n. sp. Peru. Warren, W. Nov. Zool., Tring, **11**, 1901, (39).

Pisoraca sanguinata n. sp. Durban. Warren, W. l.c. (167).

Pterocymia multilinearis n. sp. E. Africa. Swinhoe, C. London, Trans. Ent. Soc., **1904**, (567).

Poecilochlora n. gen. *Geometrinae*, *P. minor* n. sp. Peru. Warren, W. Nov. Zool., Tring, **11**, 1901, (505-506).

Polla quadrilineata to *Sphacelodes*. Warren, W. l.c. (172).

Polypoetes fuliginosa n. sp. Bolivia. Dognin, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (119); *P. picaria* n. sp. Peru. Warren, W. Nov. Zool., Tring, **11**, 1901, (18).

Porona fidoniata n. sp. Peru. Warren, W. l.c. (560).

Prasinocyma nn. spp. Africa. Swinhoe, C. London, Trans. Ent. Soc., **1904**, (511-515); *P.* nn. spp. Angola. Warren, W. Nov. Zool., Tring, **11**, 1901, (465).

Problepsis flavistigma n. sp. Trop. Africa. Swinhoe, C. London, Trans. Ent. Soc., **1904**, (561).

Probolosceles punctaria n. sp. Madagascar. Swinhoe, C. l.c. (550).

Procypha nn. spp. W. Africa. Swinhoe, C. l.c. (511-515).

Prostoma n. gen. *Scotopteryginae*, *P. fragilis* n. sp. Warren, W. Nov. Zool., Tring, **11**, 1901, (123).

Provola n. gen. for *Alctis postica* Walker. Swinhoe, C. London, Trans. Ent. Soc., **1904**, (538).

Psaliodes nn. spp. S. America. Warren, W. Nov. Zool., Tring, **11**, 1901, (61-73); *P.* nn. spp., *P. serratilinea* to *Hypolepis*. Warren, W. l.c. (521-523); *P. laticlara* n. sp. Peru. Dognin, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (120).

Pseudapicia nn. spp. Peru. Warren, W. Nov. Zool., Tring, **11**, 1901, (169-170).

Pseudasclodes n. gen. near *Asclodes*, *P. constellata* n. sp. Peru. Warren, W. l.c. (39-40).

Pseudocrociniis n. gen. type *Crociniis plana* Bull. Swinhoe, C. London, Trans. Ent. Soc., **1904**, (518).

Pseudosterrha lucidaria n. sp. Trop. Africa. Swinhoe, C. l.c. (566).

Psilocerca nn. spp. Africa. Swinhoe, C. l.c. (520-521).

Psolopsis n. gen., *P. incommoda* n. sp. Bolivia. Warren, W. Nov. Zool., Tring, **11**, 1901, (560).

Pterocypha abbreviata n. sp. Paraguay. Warren, W. l.c. (73).

Ptochophyle subumbrata n. sp. Niger. Warren, W. l.c. (167).

Ptychopoda nn. spp. Trop. Africa. Swinhoe, C. London, Trans. Ent. Soc., **1904**, (559); *P.* nn. spp. S. America. Warren, W. Nov. Zool., Tring, **11**, 1901, (10-42); *P.* nn. spp. Africa. Warren, W. l.c. (468); *P.* nn. spp. Australia and Tonkin. Warren, W. l.c. (487-488); *P. tucniolata* n. sp. Peru. Warren, W. l.c. (513).

Pynoncura convergens n. sp. Inambari. Warren, W. l.c. (498); *P. turpis* n. sp. Bolivia. Warren, W. l.c. (13).

Pygmaena fusca Tkbg. abb. *destrigata* et *unistrigata* nn. abb. Strand, E. Nyt Mag. Naturv., Kristiania, **42**, 1901, (113).

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Rachospila nn. spp. Peru. Warren, W. l.c. (25-26); *R. conflua* n. sp. Peru. Warren, W. l.c. (506).

Rambara nn. spp. W. Africa. Swinhoe, C. London, Trans. Ent. Soc., **1904**, (575-576).

Rhinura n. gen. for *Plemyriopsis variegata* Warr. Warren, W. Nov. Zool., Tring, **11**, 1901, (74).

Rhodochlora albimacula n. sp. St. Lucia. Warren, W. l.c. (506).

Rhodomena n. gen. for part of *Hydrionema*, *R. roseoviridis*, *R. lichenosa* nn. spp. **Warren, W. l.c. (74-75).**

Rhodophthilus castus n. sp. Angola. **Warren, W. l.c. (471).**

Rhopalista dismutata n. sp. Tucuman. **Warren, W. l.c. (75).**

Rhopalodes perfusa n. sp. Peru. **Warren, W. l.c. (527).**

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Sarracena brevilinea n. sp. Peru. **Warren, W. l.c. (524).**

Seea semifulva n. sp. Ecuador. **Warren, W. l.c. (19).**

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Selidosema nn. spp. Africa. **Warren, W.** Nov. Zool., Tring, **11**, 1904, (477); *S. combustaria* n. sp. **Püngeler, R.** D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (298); *S. humarum* Guenée, var. *emasculatum* n. var. British Columbia. **Dyar, H. G.** Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (910).

Semiothisa nn. spp. S. America. **Warren, W.** Nov. Zool., Tring, **11**, 1901, (127); *S.* nn. spp. Africa. **Swinhoe, C.** London, Trans. Ent. Soc., **1904**, (505-510); *S. formosa* n. sp. Peru. **Warren, W.** Nov. Zool., Tring, **11**, 1901, (562); *S. natalensis* n. sp. Durban. **Warren, W. l.c. (479).**

Semocopus nn. spp. S. America. **Warren, W. l.c. (513-514)**; *S. micropis* n. sp. Bahamas. **Hampson, Sir G. F.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (179); *S. signifer* n. sp. Bolivia. **Warren, W.** Nov. Zool., Tring, **11**, 1901, (12).

Sicya ennomaria n. sp. Mexico. **Warren, W. l.c. (171).**

Simopteryx oblitterata n. sp. Bolivia. **Warren, W. l.c. (172).**

Sonatina aceraria n. sp. W. Africa. **Swinhoe, C.** London, Trans. Ent. Soc., **1904**, (565).

Sparjania nn. spp. Peru. **Warren, W.** Nov. Zool., Tring, **11**, 1901, (76-78); *S. दौरa* Dr. (as *Epirrhoë*) = *bellipicta* Warr. **Warren, W. l.c. (76).**

Spiloeraspada merged in *Isochromodes*. **Warren, W. l.c. (146).**

Spododes basipunctata n. sp. Mexico. **Warren, W. l.c. (580).**

Stegania nn. spp. Africa. **Swinhoe, C.** London, Trans. Ent. Soc., **1904**, (500-501).

Stenaleidia nn. spp. Peru. **Warren, W.** Nov. Zool., Tring, **11**, 1904, (114-115); *S. invenusta* n. sp. Tucuman. **Dognin, P.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (121-122); *S. latimedia* ab. *circumfumata* n. ab. **Warren, W.** Nov. Zool., Tring, **11**, 1901, (556).

Stenoplastis nn. spp. S. America. **Warren, W. l.c. (501-502)**; *S. spumata* n. sp. Bolivia. **Warren, W. l.c. (19).**

Sterrha hispidata n. sp. Angola. **Warren, W. l.c. (469).**

Synetys impunctata n. sp. Colorado. **Warren, W. l.c. (514).**

Syntodes limited and re-described. **Warren, W. l.c. (124).**

Tachyphyle acretineta n. sp. Peru. **Warren, W. l.c. (507)**; *T. subaurata* n. sp. Peru. **Warren, W. l.c. (27).**

Tallegeda montanata Packard var. *magnoliatoilata* n. var. British Columbia. **Dyar, H. G.** Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (889).

Tanaorhinus humidaria n. sp. Madagascar. **Swinhoe, C.** London, Trans. Ent. Soc., **1904**, (512).

Tephрина nn. spp. Trop. Africa. **Swinhoe, C. l.c. (511-512)**; *T. disparata* n. sp. Colorado. **Warren, W.** Nov. Zool., Tring, **11**, 1901, (562).

Tephropsis fragilis n. sp. Peru. **Warren, W. l.c. (562).**

Tephroclystia nn. spp. Trop. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., 1904, (571-573); *T.* nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, 11, 1901, (530-531); *T.* nn. spp. S. America. **Warren**, W. *l.c.* (87-88).

Tephroclystis nn. sp. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., 27, 1901, (890-892); *T. flebilis*, Hulst n. sp. Alaska. **Dyar**, H. G. [Reprinted from Washington, D.C., Proc. Acad., 2, 1900, (487-501)]. Alaska, (Harriman Expedition). New York, 8, 1901, (211-227).

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Tetracis inquinata n. sp. Peru. **Warren**, W. *l.c.* (581); *T. hyperborea* Hulst n. sp. Alaska. **Dyar**, H. G. [Reprinted from Washington, D.C., Proc. Acad., 2, 1900, (487-501)]. Alaska, (Harriman Expedition). New York, 8, 1901, (211-227).

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Thamnomoma nubilata n. sp. Colorado. **Warren**, W. Nov. Zool., Tring, 11, 1901, (563).

Thyatira nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (381-382).

Thysanoctena n. gen. for *dormita* Schaus. **Warren**, W. *l.c.* (535).

Thysanopyga nn. spp. S. America. **Warren**, W. *l.c.* (124-125).

Tithraustes aliena n. sp. Bolivia. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (119-120); *T. subalbata* n. sp. Bolivia. **Dognin**, P. *l.c.* (358-359).

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Trichosterrha n. gen. near *Sterrrha*, *T. olivata*, *T. dentatilinea*, *T. brunneofasciata* nn. spp. S. America. **Warren**, W. *l.c.* (515).

Trigonomelea n. gen. *Ascatinae*, *T. semifusca* n. sp. Durban. **Warren**, W. *l.c.* (475).

Triphosa nn. spp. Peru. **Warren**, W. *l.c.* (524).

Uliura n. gen. near *Pocillaleis*, *U. pallidimargo* n. sp. Tonkin. **Warren**, W. *l.c.* (491).

Urocalpe n. gen. near *Ptemyriopsis*, *U. nigriplaga* n. sp. Peru. **Warren**, W. *l.c.* (79).

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Callopietria (Eriopus) miracula n. sp. **Herz, O.** St. Petersburg, *Ann. Mus. zool. Ac. Sc.*, **9**, 1904, (281-285).

Caradrina albistigma n. sp. **Swinhoe, C.** London, *Trans. Ent. Soc.*, **1904**, (139); *C. nitens* n. sp. British Columbia. **Dyar, H. G.** *Canad. Ent.*, Toronto, **36**, 1904, (30); *C. taena* n. sp. Texas. **Barnes, W.** l.c. (167-168).

Carea nn. spp. Borneo. **Swinhoe, C.** London, *Trans. Ent. Soc.*, **1904**, (111).

Casandria poliotis n. sp. Bahamas. **Hampson, Sir G. F.** *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **14**, 1904, (170).

Caularis lunata n. sp. **Hampson, Sir G. F.** l.c. (169).

Collus *elckei* n. sp. New Guinea.
Bethune-Baker, G. T. Nov. Zool.,
Tring, **11**, 1901, (129).

Cucullia *agua* n. sp. Arizona.
Barnes, W. Canad. Ent., Toronto, **36**,
1901, (203); *C. clarior* n. sp. **Fuchs**,
F. Wiesbaden, Jahrb. Ver. Natk., **57**,
1901, (31); *C. indicta* n. sp. Alberta.
Smith, J. B. Canad. Ent., Toronto, **36**,
1901, (154); *C. oribae* n. sp. Arizona.
Barnes, W. l.c. (237).

Dianthoccia *lypra* n. sp. **Püngeler**,
R. D. ent. Zs. Iris, Berlin, **16**, (1903),
1901, (287).

Diptera (*Habrostola*) *nivola* Motsch.
= *Diptera japyx* Stgr.; *D. Pandesma*
virens Butl., description. **Herz**, O.
St. Petersburg, Ann. Mus. zool. Ac. Sc.,
9, 1901, (266-268).

Doryodes insularia n. sp. Bahamas.
Hampson, Sir G. F. Ann. Mag. Nat.
Hist., London, (Ser. 7), **14**, 1901, (171).

Earias fabia, Schädlinge der Baum-
wollkultur. (Holländisch) **Konings-**
berger, J. C. Teysmannia, Batavia, **14**,
1903, (622-627).

Epizeuxis (*Helia*) *humulata* n. sp.
Herz, O. St. Petersburg, Ann. Mus.
zool. Ac. Sc., **9**, 1901, (329-321).

Erastria martjanovi n. sp. **Četver-**
ikov, S. Rev. russ. ent., Jaroslavl', **4**,
2-3, 1901, (77-79).

Ercheia abnormis n. sp. Perak.
Swinhoe, C. Ann. Mag. Nat. Hist.,
London, (Ser. 7), **14**, 1901, (121).

Eublemma vestina n. sp. Borneo.
Swinhoe, C. London, Trans. Ent. Soc.,
1904, (140).

Euplexia leucobasis n. sp. Bahamas.
Hampson, Sir G. F. Ann. Mag. Nat.
Hist., London, (Ser. 7), **14**, 1901, (167).

Euxoa chretieni n. sp. Espagne.
Dumont, G. Paris, Bul. soc. ent., **1903**,
(83-85); *E. pestula* n. sp. Alberta.
Smith, J. B. Canad. Ent., Toronto, **36**,
1901, (150-151); *E. polybela* n. sp.
Joannis, J. de. Paris, Bul. soc. ent.,
1903, (28-30).

Fagitana parallela n. sp. Bahamas.
Hampson, Sir G. F. Ann. Mag. Nat.
Hist., London, (Ser. 7), **14**, 1901, (168).

Gortyna ochracea Hübn. **Reh**, L.
Prakt. Ratgeber Obstbau, Frankfurt a.
O., **17**, 1902, (352-353).

Grammodes pulcherrima Luc. =
(*clementi* Swinh.). **Swinhoe**, C. Lon-
don, Trans. Ent. Soc., **1904**, (112).

Grotella nn. spp. Arizona. **Barnes**,
W. Canad. Ent., Toronto, **36**, 1901,
(210-211).

Hadena kyune n. sp. Arizona.
Barnes, W. l.c. (168-169); *H. maida*
n. sp. British Columbia. **Dyar**, H. G.
l.c. (30); *H. tenera* J. B. Smith, n. sp.
Alaska. **Dyar**, H. G. [Reprinted from
Washington, D.C., Proc. Acad., **2**, 1900,
(187-501)]. Alaska, (Harriman Expedi-
tion), edited by C. Hart Merriam. New
York, **8**, 1901, (211-227).

Himella infidelis n. sp. British
Columbia. **Dyar**, H. G. Canad. Ent.,
Toronto, **36**, 1901, (32).

Homohadena nn. spp. British
Columbia. **Dyar**, H. G. l.c. (30-31).

Hyblaea puera, description. **Hole**,
R. S. Bombay, J. Nat. Hist. Soc., **15**,
1901, (681, with pls. A to E).

Hypenodes arhecta n. sp. Kauai.
Meyrick, E. Fauna Hawaiiensis, Lon-
don, **3**, 1901, (317); *H. leptoxantha* n.
sp. Molokai. **Meyrick**, E. Ent. Mag.,
London, **40**, 1901, (130); *H. separatalis*
n. sp. **Herz**, O. St. Petersburg, Ann.
Mus. zool. Ac. Sc., **9**, 1901, (331).

Koraia n. gen., *K. pirata* n. sp.
Herz, O. St. Petersburg, Ann. Mus. zool.
Ac., **9**, 1901, (313-314).

Leucania faricola var. **Barrett**, C. G.
Ent. Mag., London, **40**, 1901, (61);
L. faricola nn. varr. **Tutt**, J. W.
Ent. Rec., London, **16**, 1901, (252-251).

Leucanitis boisdeffrei Obth. var.
palaeostincensis Stgr., Variabilität. **Daub**
in **Kneucker**, A. Wien, Verh. ZoolBot.
Ges., **53**, 1903, (575-587); *L. sculpta*
n. sp. **Püngeler**, R. D. ent. Zs. Iris,
Berlin, **16**, (1903), 1901, (292).

Lithocampa fatua n. sp. **Püngeler**, R.
l.c. (288).

Luperina zollikoferi Frr. **Krejsa**, E.
Ent. Zs., Guben, **18**, 1901, (42-43).

Lycophontia fidelis n. sp. **Joannis**,
J. de. Paris, Bul. soc. ent., **1903**, (28-
30).

Macrothylacia rubi, eine Aberration
von. **Castek**, J. Ent. Zs., Guben, **17**,
1903, (65).

Mamestra nn. spp. Alberta. **Smith**, J. B. *Canad. Ent.*, Toronto, **36**, 1901, (151-153); *M.* nn. spp. Arizona. **Barnes**, W. *l.e.* (197-198); *M. erydina* n. var. British Columbia. **Dyar**, H. G. *l.e.* (32); *M. isoloma* n. sp. **Püngeler**, R. D. *ent. Zs. Iris*, Berlin, **16**, (1903), 1904, (286).

Moma tybo n. sp. Arizona. **Barnes**, W. *l.e.* (166-167).

Noctua dislocata n. sp. Alberta. **Smith**, J. B. *l.e.* (149-150); *N. umbrosa* n. var. British Columbia. **Dyar**, H. G. *l.e.* (31-32).

Nodaria nn. spp. Bahamas. **Hampson**, Sir G. F. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **14**, 1904, (173).

Ogdoconta altura n. sp. Texas. **Barnes**, W. *Canad. Ent.*, Toronto, **36**, 1904, (243-244).

Ommatostola popofensis J. B. Smith, n. sp. Alaska. **Dyar**, H. G. [Reprinted from Washington, D.C., *Proc. Acad.*, **2**, 1900, (187-501)]. Alaska, (Harriman Expedition), edited by C. Hart Merriam, New York, **8**, 1904, (211-227).

Oncocnemus polingii n. sp. Arizona. **Barnes**, W. *Canad. Ent.*, Toronto, **36**, 1904, (169-171).

Ophiua (*Grammodes*) *analisis* Gn. an. n. sp. **Herz**, O. St. Petersburg, *Ann. Mus. zool. Ac. Sc.*, **9**, 1904, (305-306).

Orthosia ruticilla. **Holwede**, von. *Ent. Zs.*, Guben, **17**, 1903, (30-31, 34-36); *O. verberata* n. sp. Alberta. **Smith**, J. B. *Canad. Ent.*, Toronto, **36**, 1904, (153-154).

Parabasis n. gen., *P. pratti* n. sp. New Guinea. **Bethune Baker**, G. T. *Nov. Zool.*, Tring, **11**, 1901, (428-429).

Pericyma nn. spp. **Püngeler**, R. D. *ent. Zs. Iris*, Berlin, **16**, (1903), 1904, (290).

Peridroma subjugata n. var. British Columbia. **Dyar**, H. G. *Canad. Ent.*, Toronto, **36**, 1904, (31); *P. ypsilon* var. *albescens* n. var. **Clark**, J. A. *Ent. Rec.*, London, **16**, 1904, (166).

Perigrapha achsha n. sp. British Columbia. **Dyar**, H. G. *Canad. Ent.*, Toronto, **36**, 1904, (32-33).

Phyllodes enganeensis n. sp. Engano. **Swinhoe**, C. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **14**, 1904, (121).

Platyja rufiscripta n. sp. Borneo. **Swinhoe**, C. London, *Trans. Ent. Soc.*, **1904**, (141).

Platyperigea anotha n. sp. British Columbia. **Dyar**, H. G. *Canad. Ent.*, Toronto, **36**, 1904, (29-30).

Plusia epsilon *Ottolengui* n. sp. Alaska. **Dyar**, H. G. [Reprinted from Washington, D.C., *Proc. Acad.*, **2**, 1900, (187-501)]. Alaska, (Harriman Expedition), New York, **8**, 1904, (211-227); *P. festucae*. New Zealand. **Philpott**, A. Wellington, *Trans. N. Zeal. Inst.*, **36**, 1904, (161); *P. pterygota* n. sp. Oahu. **Meyrick**, E. *Fauna Hawaiiensis*, London, **3**, 1904, (348).

Polydesma (?) *striata* n. sp. **Herz**, O. St. Petersburg, *Ann. Mus. zool. Ac. Sc.*, **9**, 1904, (303-304).

Porosagrotis thanatologia n. sp. British Columbia. **Dyar**, H. G. Washington, D.C., *Smithsonian Inst. Nation. Mus. Proc.*, **27**, 1904, (833).

Prothymia rosario n. sp. Arizona. **Barnes**, W. *Canad. Ent.*, Toronto, **36**, 1904, (251).

Pseudaglossa shelfordi n. sp. Borneo. **Swinhoe**, C. London, *Trans. Ent. Soc.*, **1904**, (112).

Pseudojlea lobato n. sp. Arizona. **Barnes**, W. *Canad. Ent.*, Toronto, **36**, 1904, (237-238).

Pyrrhia aconiti **Höltzermann** in Finland gefangen. **Federley**, H. *Helsingfors, Medd. Soc. Fauna et Fl. Fenn.*, **30**, 1904, (87-89).

Rhaesena apicalis n. sp. Borneo. **Swinhoe**, C. London, *Trans. Ent. Soc.*, **1904**, (113).

Rhizagrotis nn. spp. Arizona. **Barnes**, W. *Canad. Ent.*, Toronto, **36**, 1904, (171-172).

Rhodinia fugax **Butl.**, *Lautäusserung*. **Gauckler**, H. *Insektenbörse*, Leipzig, **21**, 1901, (332).

Rhynchagrotis scoprops n. sp. British Columbia. **Dyar**, H. G. *Canad. Ent.*, Toronto, **36**, 1904, (31).

Spirama nn. spp. **Swinhoe**, C. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **14**, 1904, (122-123).

Stibulum nn. spp. Arizona. **Barnes**, W. *Canad. Ent.*, Toronto, **36**, 1904, (211-212).

Taeniocampa alamosa n. sp. Arizona. **Barnes**, W. l.c. (201); *T. communis* n. sp. British Columbia. **Dyar**, H. G. l.c. (32).

Thalaina angulosa Walk. metamorphosis. **Goudie**, D. Vict. Nat., Melbourne, **21**, 1901, (111-112).

Thermesia flavilineata n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (170).

Toxocampa moellendorffi n. sp. **Herz**, O. St. Petersburg, Ann. Mus. zool. Ac. Sc., **9**, 1901, (318-319).

Tricholita chipeta n. sp. Colorado. **Barnes**, W. Canad. Ent., Toronto, **36**, 1901, (202).

Triphaena comes, broods and varr. **Prout**, L. B. Ent. Rec., London, **16**, 1901, (1-5).

Vestura n. gen., *V. adeva* n. sp. Singapore and Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (1-12).

Zanelognatha (?) *punctalis* n. sp. **Herz**, O. St. Petersburg, Ann. Mus. zool. Ac. Sc., **9**, 1901, (321-325).

URANIIDAE.

Lophopygia n. gen., near *Lophotosoma*, *L. griseata* n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (195).

Psamathia impunctata n. sp. Peru. **Warren**, W. l.c. (196).

Saeccoplocia n. gen., *S. consimilis*, *S. creisa* nn. spp. Peru. **Warren**, W. l.c. (8-9); *S.* nn. spp. Peru. **Warren**, W. l.c. (196-197).

Syngria candidata n. sp. Peru. **Warren**, W. l.c. (197).

Trotorhombia n. gen. for *Erosia metachromata* Walk. **Warren**, W. l.c. (198).

EPIPLEMIDAE.

Atossa alpherakii n. sp. **Herz**, O. St. Petersburg, Ann. Mus. zool. Ac. Sc., **9**, 1901, (376-377).

Epiplema nn. spp. Mombasa. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (162); *E.* nn. spp. Peru. **Warren**, W. l.c. (2-5); *E. lucisquamata* n. sp. Peru. **Warren**, W. l.c. (191).

(s 2-5658)

Lophotosoma n. gen. near *Epiplema*, *L. ustulalis* n. sp. Peru. **Warren**, W. l.c. (7).

Neopplema n. gen. near *Epiplema*, *N. candidata* n. sp. Peru. **Warren**, W. l.c. (196).

Thysanocraspedia n. gen., *Epipleminae*, *T. semicastanea*, *T. inornata*, *T. geminipuncta*, *T. squamiplaga* nn. spp. Peru. **Warren**, W. l.c. (9-11).

PYRALIDAE.

Azochis rufidiscalis n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (186).

Bradina opacusalis n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (156).

Cecidipta abnormalis n. sp. Bolivia. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (123-124).

Constantia canifusalis, Beschreibung. **Rebel**, H. Wien., Verh. ZoolBot. Ges., **53**, 1903, (101-115); *C. sinica* n. sp. **Rebel**, H. in **Kneucker**, A. l.c. (575-587).

Crambus nn. spp. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (919); *C. inquinatellus* Schiff ab. *ambigellus* n. ab. **Strand**, E. Nyt Mag. Naturv., Kristiania, **42**, 1901, (116); *C. latistrius* Hw. in Oesterreich. **Galvagni**, E. Wien, Verh. ZoolBot. Ges., **53**, 1903, (570); *C. numidellus* n. sp. Sahara. **Rebel**, H. l.c. (101-115).

Desmia microstictalis n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (181).

Ephestia amarella n. sp. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (921); *E. kuehniella* Zell. **Jacobi**, A. Landw. Ann., Rosstock, (N.F.), **42**, 1903, (12-14).

Ephestiodes benjaminella n. sp. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1901, (922).

Eutrichocera n. gen., *Phyeitinae*, *E. paurolepidalis* n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (182).

Euzopherodes megalopalus n. sp. Bahamas. **Hampson**, Sir G. F. l.c. (181).

Galleria mellonella, Ernährung und Verdauung. **Sieber**, N. und **Metalnikow**, S. Arch. ges. Physiol., Bonn, **102**, 1904, (269-286).

Glyphodes intermedius n. sp. Paraguay. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (129).

Hymenia exodias n. sp. Molokai. **Meyrick**, E. Ent. Mag., London, **40**, 1904, (130).

Hyperectis n. gen., near *Stenia*, H. *dioclias* n. sp. Maui. **Meyrick**, E. Fauna Hawaiensis, London, **3**, 1904, (356, 357).

Hypolamprus tessellata n. sp. Sumatra. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (131-131).

Lepidomys sobria n. sp. Paraguay. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (126).

Leucinodes labefactalis n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (158).

Leucochroma neutralis n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (127).

Loxostege obliteratis, habits. **C[hittenden]**, F. H. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (95-96).

Lygropia fusalis n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (186).

Macalla nn. spp. Peru, Colombia. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (122-123).

Margaronia nn. spp. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (157).

Mestolobes antichora n. sp. Oahu. **Meyrick**, E. Fauna Hawaiensis, London, **3**, 1904, (361); *M. sicaria* n. sp. Molokai. **Meyrick**, E. Ent. Mag., London, **40**, 1904, (131).

Mimorista nn. spp. Peru, Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (128-129).

Nacoleia nn. spp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (184-185).

Nephopteryx kraussi n. sp. Sahara. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (104-115).

Niphostola punctata n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (156).

Nomophila noctuella, mœurs. **Demaison**, L. Paris, Bul. soc. ent., **1902**, (307-309).

Noorda candidalis n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (131).

Omiodes antidora n. sp. Oahu. **Meyrick**, E. Fauna Hawaiensis, London, **3**, 1904, (358).

Omphaloptera nn. spp. Ecuador, Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (126-127).

Oreuaia preisseckeri n. sp. Oesterreich. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (90-103).

Pachyzancla fimbrialis n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (130).

Parabaera n. gen., *P. nitidalis* n. sp. Ecuador. **Dognin**, P. l.c. (125).

Phlyctaenia tillialis n. sp. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (916).

Phryganodes hypoxantha n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (128).

Phylactaenia lampadias n. sp. Hawaiian Islds. **Meyrick**, E. Fauna Hawaiensis, London, **3**, 1904, (359).

Pionea nn. spp. Ecuador. **Dognin**, P. l.c. (131-132).

Polygrammodes interpunctalis n. sp. Peru. **Dognin**, P. l.c. (129-130).

Pyrallis costalis var. **Thurnall**, A. Ent. Mag., London, **40**, 1904, (15).

Pyrausta machoeris, description. **Hole**, R. S. Bombay, J. Nat. Hist. Soc., **15**, 1901, (680, with pls. A to E); *P. pyropsalis* n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, **14**, 1904, (187).

Rhetosomia (?) *longistrialis* n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (130-131).

Schoenobius bipunctifer, relation between temperature and growth. **Onugi**, S. Tōkyō, Nip. Nō Kw. Hō, **274**, 1901, (11–13).

Scirpophaga holophacalis n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (181).

Scoparia nn. spp. Hawaiian Islds. **Meyrick**, E. Fauna Hawaiiensis, London, **3**, 1901, (362–365); S. nn. spp. Molokai. **Meyrick**, E. Ent. Mag., London, **40**, 1901, (131–132).

Sindris magnifica n. sp. Angola. **Jordan**, K. Nov. Zool., Tring, **11**, 1901, (117).

Staudingeria holophacella n. sp. Sahara. **Rebel**, H. Wien, Verh. Zool.-Bot. Ges., **53**, 1903, (101–115).

Stenia hieralis n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (156).

Sterieta nn. spp. Peru, Tucuman. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (124–125).

Tetrastichus leucogramma n. sp. Bahamas. **Hampson**, Sir G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (183).

Tosale filata n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (125).

Xanthomelaina quinquepuncta n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (156).

Zeuzerodes subfulvata n. sp. Ecuador. **Warren**, W. Nov. Zool., Tring, **11**, 1901, (1).

PTEROPHORIDAE.

Pterophorus vulgaris, Ueberwinterung. **Schuster**, W. Zool. Garten, Frankfurt a. M., **45**, 1901, (191).

TORTRICIDAE.

GENERAL.

Lüstner, G. und **Seufferheld**, C. Die Bekämpfung des Traubenwicklers (Heu- und Sauerwurm) nach dem neuesten Stande. Hrsrg. v. der königl. Lehranstalt für Wein-, Obst- und Gartenbau (N 2–5658)

zu Geisenheim. 2. Aufl. Wiesbaden (R. Bechtold & Comp.), [1901], (32, mit 2 Taf.).

SPECIAL.

Acleris nn. spp. British Columbia. Washington. **Kearfott**, W. D. Canad. Ent., Toronto, **36**, 1901, (138–141).

Atteria nn. spp. Ecuador, Colombia. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (132–133).

Carpocapsa pomonella. **Sanderson**, E. D. Agric. Exp. Sta., Delaware, Newark, Bull. No. **59**, 1903, (22, with pl., 4 figs.); [review] Washington, D.C., U. S. Dept. Agric., Off. Exp. Sta., Rec., **15**, 1933, (57); *C. pomonella*. **Simpson**, C. B. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., (N. Ser.), No. **35**, 1902, (29, with pl.).

Commophila fuscodorsana n. sp. British Columbia. **Kearfott**, W. D. Canad. Ent., Toronto, **36**, 1901, (141).

Conchylis lambessana, Beschreibung. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (404–415); *C. santolinana* Stgr., note. **Chrétien**, P. Paris, Bul. soc. ent., **1903**, (112–113).

Cydia nn. spp. Colorado. British Columbia. **Kearfott**, W. D. Canad. Ent., Toronto, **36**, 1901, (109–112).

Enarmonia cochleana n. sp. British Columbia. **Kearfott**, W. D. *l.c.* (137–138).

Epiblema subnuculana n. sp. Oesterreich. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (90–103).

Grapholitha larseni n. sp. Oesterreich. **Rebel**, H. *l.c.* (90–103); *G. tedella* Cl., Beobachtungen. **Baer**, W. Tharander forstl. Jahrb., **53**, 1903, (171–208, mit 1 Taf.).

Phoxopteris kincaidiana Fernald n. sp. Alaska. **Dyar**, H. G. [Reprinted from Washington, D.C., Proc. Acad., **2**, 1900, (187–501)]. Alaska, (Harriman Expedition), New York, **8**, 1904, (211–227).

Proteopteryx columbiana n. sp., varr. *albiodorsana*, *mediostriana* nn. varr. British Columbia. **Kearfott**, W. D. Canad. Ent., Toronto, **36**, 1901, (112–114); *P. willingana* n. sp. Assiniboia. **Kearfott**, W. D. *l.c.* (306).

Semasia aspidiscana Hb. var., *catoptrana* n. var. Oesterreich. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (90-103).

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Metzneria elitella n. sp. Sahara. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (101-115); *M. catoni*, Beschreibung. **Rebel**, H. *l.c.* (101-115); *M. incognita* n. sp. Algeria. **Walsingham**, Lord. Ent. Mag., London, **40**, 1901, (220).

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Paltodora nn. spp. Tasmania and W. Austr., Sydney, S. Austr. **Meyrick**, E. *l.c.* (271-272).

Pancocnia n. gen., *P. periphora* N. S. Wales, *P. pelota* N. S. Wales, nn. spp. **Meyrick**, E. *l.c.* (389-390).

Phlorographis n. gen., *P. macrynta* Victoria, *P. brachynta* Queensland, *P. zopherota* Victoria, nn. spp. **Meyrick**, E. *l.c.* (393-394).

Phthorimaca operculella Zell. = *Gelechia operculella* Zell., descr. **Meyrick**, E. *l.c.* (316).

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Protolechia n. gen., *P. tetraploa* Victoria, *P. telopis* N. S. Wales, *P. exarista* W. Australia, *P. arroleuca* N. S. Wales, *P. caminopis* N. S. Wales, *P. temenitis* Queensland, *P. robusta* N. S. Wales, *P. pacifica* N. S. Wales and W. Austr., *P. trachyphanes* W. Australia, *P. sarisias* Queensland, *P. enchypta* Victoria, *P. obeliscota* Victoria, *P. sisyraca* Victoria, *P. chenias* N. S. Wales, *P. mechanistis* Tasmania, *P. xuthias* W. Australia, *P. trichosema* W. Australia, *P. aelera* W. Austr., *P. autopis* W.

Austr., *P. elpistis* W. Austr., *P. argocentra* W. Austr., *P. liota* W. Austr., *P. hypolenca* N. S. Wales, *P. prisca* N. S. Wales, *P. diplonesa* W. Austr., *P. crypsibatis* N. S. Wales, Tasmania, S. Austr., *P. flexilis* N. S. Wales, *P. frugalis* N. S. Wales, W. Austr., *P. microdora* W. Austr., *P. invalida* Queensland, N. S. Wales, *P. cladara* Tasmania, *P. sciodes* W. Austr., *P. co motis* W. Austr., *P. psephias* W. Austr., *P. actinota* W. Austr., *P. nyctias* Queensland, *P. iochlaema* W. Austr., *P. xestolitha* N. S. Wales, *P. nephelota* N. S. Wales, Victoria, *P. anthracina* N. S. Wales, *P. phloeodes* Queensland, *P. thyridota* N. S. Wales, W. Austr., *P. ceramica* N. S. Wales, *P. hormodes* N. S. Wales, *P. plinthactis* N. S. Wales, *P. stratifera* Queensland, N. S. Wales, *P. catarrhacta* N. S. Wales, *P. tabulata* N. S. Wales, S. Austr., *P. pelogramma* Victoria, *P. amblopiis* W. Austr., *P. aedopis* N. S. Wales, *P. lylis* N. S. Wales, *P. compsochroa* N. S. Wales, S. Austr., *P. odorifera* N. S. Wales, *P. micropa* Victoria and S. Austr., *P. diplanetis* N. S. Wales, Victoria, *P. cephalota* W. Austr., *P. scytina* N. S. Wales, S. Austr., *P. ananeura* N. S. Wales, *P. xanthocephala* Queensland, *P. trichalina* W. Austr., *P. arganthes* Queensland, *P. selenia* N. S. Wales, *P. gorgonias* Queensland, *P. chiradia* Queensland, *P. thysoptera* Queensland, *P. phasianis* N. S. Wales, Tasmania, Victoria, *P. loemias* N. S. Wales, Victoria, *P. megalommata* Queensland, *P. banaisodes* Queensland, *P. erotalodes* Queensland, *P. molyntis* Victoria, S. Austr., *P. asptodes* Victoria nn. spp. *P. desmatra* Low. = *Gelechia desmatra* Low., *P. lithina* Low. = *Gelechia lithina* Low., *P. aversella* Walk. = *Gelechia aversella* Walk., described. *P. orthanotis* Low. = *Gelechia orthanotis* Low., descr., *P. decaspila* Low. = *Gelechia decaspila* Low., descr., *P. deltodes* Low. = *Gelechia deltodes* Low., descr., *P. haemaspila* Low. = *Gelechia haemaspila* Low., descr., *P. tridecta* Low. = *Gelechia tridecta* Low., descr., *P. sodalella* Walk. = *Gelechia sodalella* (sodaliscella) Wlk. descr., *P. eumela* Low. = *Gelechia eumela* Low., descr., *P. subversella* Wlk. = *Gelechia subversella* Wlk., described. **Meyrick, E. l.e.** (332-386).

Pseudosynmoca n. gen., *P. angustipennis* n. sp. Sahara. **Rebel, H.**

Wien, Verh. ZoolBot. Ges., **53**, 1903, (404-415).

Ptocheuusa albidella n. sp. Sahara. **Rebel, H. l.e.** (404-415).

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Scardia burkerella n. sp. **Busck, A.** Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (777).

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Spatularia n. gen., *S. fuliginella* n. sp. Java. **Deventer, W. van.** 's Gravenhage, Tijdschr. Ent., **47**, [1904], (1).

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= *Paltolora thermaca* Low., described.
Meyrick, E. *l.c.* (128).

Styloceros n. gen., *S. trigonias* Queens-
land, *S. lychnocentra* Tasmania?, *S.*
cyclonitis Queensland nn. spp. **Meyrick**,
E. *l.c.* (108-109).

Symbolistis n. gen., *S. orophota* n. sp.
Queensland, N. S. Wales, *S. argyro-*
mitra n. sp., N. S. Wales. **Meyrick**, E.
l.c. (413-414).

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atcola Feld., descr. **Meyrick**, E.
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T. oxythecus, *T. paraconta*, *T.*
parthenica nn. spp. Australia and
Tasmania. **Meyrick**, E. *l.c.* (293-297).

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[F.]. Ent. Zs., Guben, 18, 1904, (106);
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Columbia. **Busck**, A. *l.c.* (761-762);
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Canad. Ent., Toronto, 36, 1904, (211).

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n. sp. Queensland. **Meyrick**, E.
Sydney, N.S.W., Proc. Linn. Soc. N. S.
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holomela Low., description. *Y. thana-*
topsis Low., *Y. dryinodes* Low., described.
Y. melichrous Low., ? n. sp. a d 7 nn.
spp. from Australia. **Meyrick**, E.
Sydney, N.S.W., Proc. Linn. Soc. N. S.
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sonian Inst., Nation. Mus. Proc., 27,
1901, (753-754).

MICROPTERYGIDAE.

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— *albiplaga*: *avera* n. subsp.
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— — *keiana* n. subsp.
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 ————— *dymus*. Swinhoe. 443.
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- AMERIA [Geometridae].
 ————— *seminigra*. Warren. 488.
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 ————— *sombrera*. Warren. 488.
 ————— *subfusca*. Warren. 491, 576.
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 ————— *flavidiscata*. Warren. 488.
 ————— *fulgurata*. Warren. 491.
 ————— *gigantula*. Warren. 491.
 ————— *hieroglyphica*. Warren. 488.

- ANISOPES** [Geometridae].
 ——— *imparistigma*. Warren. 488.
 ——— *maculidiscata*. Warren. 491.
 ——— *rapididiscata*. Warren. 488.
 ——— *mediolineata*. Warren. 488.
 ——— *multipunctata*. Warren. 491.
 ——— *ochricamata*. Warren. 488.
 ——— *pomidiscata*. Warren. 491.
 ——— *rhodostigma*. Warren. 488.
 ——— *rufistigma*. Warren. 491.
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 ——— *adulta*. Warren. 488.
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 ——— *dentilineata*. Warren. 491.
 ——— *latibrunnea*. Warren. 488.
 ——— *olivata*. Warren. 491.
 ——— *undilinea*. Warren. 491.
- ANTANARTIA** [Nymphalidae].
 ——— *amauroptera*. Sharpe. 409.
- ANTAPLAGA** [Noctuidae].
 ——— *hachita*. Barnes. 32.
- ANTHELA** [Lymantriidae].
 ——— *achromata*. Turner. 465.
 ——— *ekkeiki*. Bethune-Baker. 43.
 ——— *symphona*. Turner. 465.
- APALETOPES** [Eupterotidae].
 ——— *bancpa*. Druce. 91.
 ——— *mehila*. Druce. 91.
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 ——— *maesta* n. var. Dyar. 102.
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- APLECTA** [Noctuidae].
 ——— *nebulosa* var. *thompsoni* n. var. Arkle. 15.
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 ——— *punctata*. Warren. 488.
 ——— *rubifrontaria* var. *darwiniana* n. var. Dyar. 100.
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 ——— *leucostictus*. Walsingham. 485.
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 ——— ——— *palina* n. subsp. Fruhstorfer. 129.
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 ————— *hulmaheira*. Bethune-Baker.
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- *sirene*. Mabilie. 280.

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 ——— *nandensis*. Neave. 302.
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 ——— *lunata*. Hampson. 185.
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 ——— *dinawa*. Bethune-Baker. 43.
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- CRAMBUS** [Pyralidae].
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 ——— *aza*. Druce. 92.
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 ——— *scemaculata*. Dognin. 88.
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 ——— *bergmannii*. Swinhoe. 443.
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 ——— *eddele*. Swinhoe. 446.
 ——— *pratti*. Bethune-Baker. 43.
 ——— *kebeae*. Bethune-Baker. 43.
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 ——— *caudata*. Warren. 491.
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 ——— *albinodosa*. Warren. 188.
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 ——— *lypra*. Püngeler. 333.
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 ——— *amabilis*. Rothschild. 363.
 ——— *ckeikei*. Bethune-Baker. 43.
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 ——— *obliquata*. Warren. 491.
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 ——— *distans*. Warren. 488.
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 ——— *laticlarea*. Thieme. 452.
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 ——— *holleyi*. Neave. 302.
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 ——— *nigricans*. Bethune-Baker. 43.
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 ——— *canioparsa*. Warren. 188.
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- DORYODES** [Noctuidae].
 ——— *insularia*. Hampson. 185.

- DREPANODES [Geometridae].
 ——— *fulvilinea*. Warren. 488.
- DRUCIA [Geometridae].
 ——— *latimargo*. Warren. 488.
- DUOMITUS [Cossidae].
 ——— *benestriata*. Hampson. 185.
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 ——— *incondita*. Warren. 489.
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 ——— *flammata*. Warren. 489.
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 ——— *cancllata*. Bastelberger. 37.
 ——— *chrysocraspedata*. Warren. 490.
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- ECTROPIS [Geometridae].
 ——— *fulvitincta*. Warren. 489.
 ——— *nacaria*. Swinhoe. 444.
- ELACHISTA [Tineidae].
 ——— *dimicatella*. Rebel. 338.
- ELLOPIA [Geometridae].
 ——— *prosoparia* var. *ochrearia* n. var. Joannis. 222.
- ELPHOS [Geometridae].
 ——— *picaria*. Warren. 490.
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 ——— *agondas* : *agondina* n. subsp. Fruhstorfer. 132.
 ——— *moranda* n. subsp. Fruhstorfer. 132.
 ——— *cybele* : *obiana* n. subsp. Fruhstorfer. 132.
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 ——— *guppyi*. Kaye. 231.
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 ——— *caducaria*. Swinhoe. 444.
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 ——— *magnificata*. Warren. 489.
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 ——— *peararia*. Swinhoe. 444.
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 ——— *caliadata*. Warren. 488.
- ENARMONIA [Tortricidae].
 ——— *cockleana*. Kearfott. 232.
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 ——— *irisaria*. Swinhoe. 444.
- Entogonia n. gen. [Geometridae].
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 ——— *schistacea*. Warren. 488.
- ENYDRA [Agaristidae].
 ——— *karschi*. Bartel. 35.
- EOÖXYLIDES [Lycæniidae].
 ——— *tharis* : *enganicus* n. subsp. Fruhstorfer. 134.
 ——— *javanicus*. n. subsp. Fruhstorfer. 130.
 ——— *latipictus* n. subsp. Fruhstorfer. 130.
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 ——— *clarilla*. Aurivillius. 24.
- EPERMENIA [Tineidae].
 ——— *kroneella*. Rebel. 338.
- Ephelictis n. gen. [Tineidae]. Meyrick. 290.
 ——— *megalarthra*. Meyrick. 290.
 ——— *neochalca*. Meyrick. 290.
- EPHESTIA [Pyralidae].
 ——— *amarella*. Dyar. 100.
- EPHESTIODES [Pyralidae].
 ——— *benjaminella*. Dyar. 100.
- ETHALTAS [Geometridae].
 ——— *forax* ab. *latimargo* n. ab. Warren. 488.
- EPIBLEMA [Tortricidae].
 ——— *subuculana*. Rebel. 338.
- Epibrontis n. gen. [Tineidae]. Meyrick. 290.
- Epimimastis n. gen. [Tineidae]. Meyrick. 290.
- EPINEPHELE [Nymphalidae].
 ——— *tithonus* var. *albida* n. var. Russell. 367.
- EPIPTHORA [Tineidae].
 ——— *achnias*. Meyrick. 290.
 ——— *autoleuca*. Meyrick. 290.
 ——— *belonodes*. Meyrick. 290.
 ——— *conoombra*. Meyrick. 290.
 ——— *eryolopha*. Meyrick. 290.
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- EPITHORA** [Tineidae].
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 — *heliopharia*. Swinhoe. 444.
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 — *kabaria*. Swinhoe. 444.
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 — *bathus*. Rothschild. 359.
- Epithestis** n. gen. [Tineidae]. Meyrick. 290.
- EPITOLA** [Lycæniidae].
 — *albomaculata*. Bethune-Baker. 41.
 — *dorothea*. Bethune-Baker. 41.
 — *kholifa*. Bethune-Baker. 41.
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 — *virinea*. Bethune-Baker. 41.
- EPITOLINA** [Lycæniidae].
 — *catori*. Bethune-Baker. 41.
- EPIZEUXIS** [Noctuidae].
 — *lunulata*. Herz. 192.
- ERASTRIA** [Noctuidae].
 — *marjanovi*. Četverikov. 59.
- ERATEINA** [Geometridae].
 — *caeruleopicta*. Warren. 491.
- ERCEIA** [Noctuidae].
 — *abnormis*. Swinhoe. 446.
- ERERIA** [Nymphalidae].
 — *neoridas* var. *alborittata* n. var. Verity. 176.
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- EREOCHLORA** [Geometridae].
 — *ruficostaria*. Warren. 488.
 — var. *pernigrata* n. var. Warren. 488.
 — ab. *semifumata* n. ab. Warren. 191.
 — *sublactea*. Warren. 488.
- Eremica** n. gen. [Tineidae]. Walsingham. 485.
 — *lithochroma*. Walsingham. 485.
 — *saharæ*. Walsingham. 485.
- ERILOPHODES** [Geometridae].
 — *indistincta*. Warren. 488.
- ERIOCRANIA** [Micropterygidae].
 — *argyrolepidella*. Fuchs. 156.
- ERIOPIGIDIA** [Geometridae].
 — *engelkei*. Warren. 488.
 — *flavisquamata*. Dognin. 88.
 — *locuples*. Warren. 488.
 — *nigrirubrata*. Warren. 491.
 — *rufivena*. Warren. 488.
 — *subignea*. Dognin. 88.
- ERYCINA** [Erycinidae].
 — *latifasciata*. Lathy. 258.
 — *mendita*. Druce. 92.
- ERYPHANIS** [Nymphalidae].
 — *polyxena* : *novica* n. subsp. Stichel. 432.
- EUBLEMMA** [Noctuidae].
 — *vestina*. Swinhoe. 443.
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 — *neddaria*. Swinhoe. 444.
- EUCHLORIS** [Geometridae].
 — *heterospila*. Hampson. 185.
- EUCHONTHIA** [Geometridae].
 — *commixta*. Warren. 488.
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- *albirivata*. Warren. 491.
 ——— *decorata*. Warren. 491.
 ——— *longipennata*. Warren. 491.
 ——— *ochrosoma*. Warren. 488.
 ——— *peplodes*. Turner. 464.
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- *aretiata*. Warren. 491.
 ——— *flavinota*. Warren. 488.
 ——— *maledida*. Warren. 488.
 ——— *simulans*. Warren. 491.

EUGIVIRA [Cossidae].

- *flavescens*. Dognin. 88.
 ——— *gemina*. Dognin. 88.

EUGOA [Arctiidae].

- *conflua*. Bethune-Baker. 43.
 ——— *tricolora*. Bethune-Baker. 43.

EULEPIS [Nymphalidae].

- *pyrrhus*: *romanus* n. subsp.
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- *albifusa*. Swinhoe. 445.

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- *moqui*. Barnes. 32

EUOMOEIA [Geometridae].

- *carneata*. Warren. 489.

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- *nigerrima*. Swinhoe. 444.

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- Pseudodreata** n. gen. [Eupterotidae].
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 ——— *convergens*. Warren. 491.
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 ——— *neomexicana*. Barnes. 32.
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 ——— *derasata*. Warren. 491.
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- RHIZAGROTIS** [Noctuidae].
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 ——— *eastus*. Warren. 489.
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 ——— *dismutata*. Warren. 488.
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 ——— *perfusa*. Warren. 491.
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 ——— *scopeops*. Dyar. 88.
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 ——— *basisfusa*. Bethune-Baker.
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 ——— *mariae*. Swinhoe. 443.
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 ——— *consimilis*. Warren. 488.
 ——— ?) *divergens*. Warren. 491.
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 ——— *anacardii*: *ansorgei* n.
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 ——— *brevilinea*. Warren. 491.
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 ——— *aroa*. Bethune-Baker. 43.
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 ——— *burkerella*. Busck. 51.
- SCEA** [Geometridae].
 ——— *semifulva*. Warren. 488.
- SCETIS** [Syntomidae].
 ——— *packardii* var. *cocklei* n. var. Dyar. 100.
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 ——— *aroa*. Bethune-Baker. 43.
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 ——— *holophaealis*. Hampson. 185.
- SCOLIACMA** [Arctiidae].
 ——— *aroa*. Bethune-Baker. 43.
 ——— *hampsoni*. Bethune-Baker. 43.
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 ——— *catactis*. Meyrick. 292.
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 ——— *dinawa*. Bethune-Baker. 43.
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 ——— *emporias*. Turner. 464.
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- SCOTORYTHRA** [Geometridae].
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- SEMASIA** [Tortricidae].
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 ——— *figurata*. Warren. 491.
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 ——— *triumphans*. Warren. 488.
- SICYA** [Geometridae].
 ——— *cnemaria*. Warren. 488.
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 ——— *obliterata*. Warren. 488.
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 ——— *magnifica*. Jordan. 224.
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 ——— *peculiaris*. Druce. 92.
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 ——— *accraria*. Swinhoe. 441.
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 ——— *vitripennis*. Joannis. 218.
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 ——— *curysema*. Meyrick. 290.
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 ——— *ausorgei*. Rothschild. 359.
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 ——— *nairobiensis*. Sharpe. 408.
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 ——— *kilaoensis*. Swinhoe. 446.
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 ——— *basipunctata*. Warren. 491.
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 ——— *canidia*. Druce. 92.
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 ——— *sinepunctis*. Kaye. 231.
- STAUDINGERIA** [Pyalidae].
 ——— *holophaella*. Rebel. 340.
- STAUROPUS** [Notodontidae].
 ——— *bella*. Bethune-Baker. 43.
 ——— *dinawa*. Bethune-Baker. 43.
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 ——— *minutissima*. Swinhoe. 441.
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 ——— *fumibrunnea*. Warren. 188.
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TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Macrotera secunda n. sp. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (205).

Megachile nn. spp. Südamerika. **Friese**, H. Zs. Hymenopter., Tschendorf, 4, 1904, (180-188); *M.* nn. spp.

Afrika. **Friese**, H. l.c. (299-302, 330-336); *M. aberrans* n. sp. **Friese**, H. l.c. (327-330); *M. emoryi* n. sp. New Mexico. **Cockerell**, T. D. A. Entomologist, London, 1904, (7); *M. khasiana* n. sp. India. **Cameron**, P. Ann. Mag. Nat. Hist., London, (Ser. 7), 13, 1904, (216); *M. strophostyle* n. sp. N. America. **Robertson**, C. Canad. Ent., Toronto, 36, 1904, (277); *M. taprobanac* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, 4, 1904, (15).

Megacilissa matutina n. sp. Südamerika. **Schrottky**, C. Allg. Zs. Ent., Neudamm, 9, 1904, (341-349).

Melanapis rufifrons n. sp. Quetta. **Nurse**, C. G. Bombay, J. Nat. Hist. Soc., 15, 1904, (567).

Melecta interrupta nn. varr. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (23).

Melipona, Wachsabscheidung. **Dreyling**, L. Zool. Anz., Leipzig, 28, 1904, (204-210).

Melissodes machaerantherae n. sp. New Mexico. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (21).

Melissoptila bonaerensis n. sp. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (384-385).

Nectarodiaeta n. gen., *N. olivaceae* n. sp. Argentina. **Holmberg**, E. L. l.c. (120-122).

Nomada nn. spp. Colorado. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (28-29); *N.* nn. spp. Kashmir and Baluchistan. **Nurse**, C. G. Bombay, J. Nat. Hist. Soc., 15, 1904, (571-572).

Nomia nn. spp. N. India. **Cameron**, P. Ann. Mag. Nat. Hist., London, (Ser. 7), 13, 1904, (211, 214-215); *N.* nn. spp. Deesa and Kangra Valley, N.W. Himalaya. **Nurse**, C. G. Bombay, J. Nat. Hist. Soc., 15, 1904, (568-569); *N. rubra* n. sp. Afrika. **Friese**, H. Zs. Hymenopter., Tschendorf, 4, 1904, (297).

Omachthes carnifex and *O. histrio* to *Morjanina*. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (208).

Osmia Pz., Arten und Verbreitung derselben in Böhmen. **Kubes**, A. Prag, Čas. České Spol. Entomolog., **1**, 1904, (1-11); *O. spp.*, *O. noromexicana* n. sp. **Cockerell**, T. D. A. Philadelphia, Pa., Ent. News Acad. Nat. Sci., **14**, 1903, (331-333); *O. nn. spp.* Quetta, Baluchistan. **Nurse**, C. G. Bombay, J. Nat. Hist. Soc., **15**, 1904, (573-574).

Oxytroglossa decorata, characters. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (208).

Parandrena chalybioides n. sp. Oregon. **Viereck**, H. L. Canad. Ent., Toronto, **36**, 1904, (229).

Parasphecodes, table and nn. spp. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (209-210).

Polalirus nn. spp. Kashmir, Baluchistan. **Nurse**, C. G. Bombay, J. Nat. Hist. Soc., **15**, 1904, (582-581); *P. oratae* n. sp. Tenerife. **Saunders**, E. Ent. Mag., London, **40**, 1904, (234).

Prosopis nn. spp. **Alfken**, J. D. Neue palaearktische *Prosopis*-Arten und -Varietäten. Zs. Hymenopter., Tschendorf, **4**, 1904, (322-327); *P. basimacula* n. sp. Darjiling. **Cameron**, P. Entomologist, London, **1904**, (209); *P.*, synopsis of spp.; *P. sayi* n. sp. N. America. **Robertson**, C. Canad. Ent., Toronto, **36**, 1904, (273-275).

Proteraner nn. spp. Colorado. **Cockerell**, T. D. A. l.c. (233).

Psaenythia unizonata n. sp. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (455-456).

Psithyrus, Analyse der Arten Böhmens und Mährens mit biologischen Bemerkungen. **Slaviček**, J. (Čechisch) Prostějov, Věstn. Kl. Přírod., **4**, 1902, (83-106, 1 Taf.).

Pterandrena nn. spp. Oregon. **Viereck**, H. L. Canad. Ent., Toronto, **36**, 1904, (228-229).

Ptiloglossa nn. spp. **Friese**, H. Zs. Hymenopter., Tschendorf, **4**, 1904, (17-20).

Rhathymus and *Eurylis*, characters. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (208).

Saropoda alpha n. sp. Australia. **Cockerell**, T. D. A. l.c. (201).

Scirtetica n. gen., *S. antarctica* n. sp. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (389-391).

Serapis rufipes n. sp. **Friese**, H. Zs. Hymenopter., Tschendorf, **4**, 1904, (106).

Sphecodes nn. spp. Oregon. **Cockerell**, T. D. A. Canad. Ent., Toronto, **36**, 1904, (230-232); *S. nn. spp.* New Mexico. **Cockerell**, T. D. A. Entomologist, London, **1904**, (5); *S. arrogans* n. sp. New Mexico. **Cockerell**, T. D. A. l.c. (231).

Svastra? fulgurans n. sp. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (388-389).

Synhalonia frater: *aragalli* n. subsp., *S. eremulicollis* var. *lippeae* n. var. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (25).

Tapinotaspis n. gen., *T. chaecabucensis*, *T. sabularum* nn. spp. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (413-416).

Teleutemnesta n. gen., *T. fructifera*, *T. scalaris*, *T. relata*, *T. distincta*, *T. separata* nn. spp. Argentina. **Holmberg**, E. L. l.c. (400-406).

Thyagater chrysophora n. sp. Argentina. **Holmberg**, E. L. l.c. (386-387).

Thyreothremma n. gen., *T. rhopalocera*, *T. desiderata*, *T. abscondita* nn. spp. Argentina. **Holmberg**, E. L. l.c. (391-397).

Trachandrena nn. spp. Oregon. **Viereck**, H. L. Canad. Ent., Toronto, **36**, 1904, (159-161).

Tripeolus spp. **Cockerell**, T. D. A. Philadelphia, Pa., Ent. News Acad. Nat. Sci., **14**, 1903, (331-333); *T. nn. spp.*, nn. varr. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (36, 38, 39).

Trigona nn. spp., *T. molesta* (Puls), description. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (378-380); *T. nn. spp.* Rio de la Plata. **Silvestri**, F. Riv. patol. veg., Portici, **10**, 1901-1902, (121-174, con 19 fig. e 3 tav.).

Xylocopa collaris var. *binghami* n. var., *X. nautlana* n. sp. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (30); *X. violacea* Biologie. **Schuster**, L. Zool. Garten, Frankfurt a. M., **45**, 1904, (98).

VESPIDAE.

GENERAL.

Dalla Torre, K. W. von. Hymenoptera, fam. Vespidae. In: Wytsman, Genera Insectorum, Fasc. **19**, 1904, (1-108, with 6 pls.).

Ducke, A. Zur Kenntnis der Diptera vom Gebiete des unteren Amazonas. Zs. Hymenopter., Teschendorf, **4**, 1904, (134-143).

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Janet, C. Observations sur les guêpes. Paris (Naud), 1903, (85, av. fig.).

Porter, C. E. List of the Vespidae of Chili, extracted from M. P. Wytsman's Genera Insectorum, with additional notes. (Spanish) Rev. chilena, Valparaiso, **8**, 1904, (193-197).

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Alastor nn. spp. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (303-311); *A. mercei* n. sp. Spain. **Dusmet y Alonso**, J. M. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (126-127).

Alpha n. gr. of *Paragia*. **Dalla Torre**, K. W. von. In: Wytsman, Genera Insectorum, fasc. **19**, 1904, (1).

Arachnospila septentrionalis n. sp. **Kincaid**, T. In: Alaska, (Harriman Expedition), New York, **9**, 1904, (107-112).

Belenogaster occidentalis n. sp. Africa. **Tullgren**, A. Ark. Zool., Stockholm, **1**, 1904, (153-156, 161-162).

Beta n. gr. of *Paragia*. **Dalla Torre**, K. W. von. In: Wytsman, Genera Insectorum, fasc. **19**, 1904, (4).

Chartergus nn. spp. Parà. **Ducke**, A. Bol. Mus. Goeldi, Parà, **4**, 1904, (330, 335, 336, 338).

Ctenochilus argentinus n. sp. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (232-233).

Deuterapoica n. nom. for *Apoica*. **Dalla Torre**, K. W. von. In: Wytsman, Genera Insectorum, fasc. **19**, 1904, (79).

Deuterodiscoelius n. gr. of *Discoelius*. **Dalla Torre**, K. W. von. l.c. (18).

Discoelius nn. spp. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (234-249).

Eualastor n. gr. for part of *Alastor*. **Dalla Torre**, K. W. von. In: Wytsman, Genera Insectorum, fasc. **19**, 1904, (60).

Euancistrocerus n. nom. for *Ancistrocerus* Sauss. **Dalla Torre**, K. W. von. l.c. (36).

Eucraminus n. gr. of *Ceraminus*. **Dalla Torre**, K. W. von. l.c. (5).

Eudiscoelius n. gen., *E. metallicus* n. sp. **Friese**, H. Zs. Hymenopter., Teschendorf, **4**, 1904, (16).

Euepiona n. nom. for *Epiponus* s. str. Sauss. **Dalla Torre**, K. W. von. In: Wytsman, Genera Insectorum, fasc. **19**, (39).

Eumenes nn. spp., *E. argentina* (Berg), description. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (252-260); *E. alfkeni* n. sp. **Ducke**, A. Zs. Hymenopter., Teschendorf, **4**, 1904, (133); *E. gracillima* n. sp. **Tullgren**, A. Ark. Zool., Stockholm, **1**, 1904, (445-446, with pl.); *E. micedo* n. sp. Japan. **Cameron**, P. Entomologist, London, **1904**, (35); *E. montata* n. sp. India. **Nurse**, C. G. Bombay, J. Nat. Hist. Soc., **16**, No. 1, 1904, (26); *E. parvilineata* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (12).

Eumontezumia n. nom. for a division of *Montezumia*. **Dalla Torre**, K. W. von. In: Wytsman, Genera Insectorum, fasc. **19**, 1904, (27).

Euodynerus n. nom. for *Odynerus* pt. Sauss. **Dalla Torre**, K. W. von. l.c. (38).

Eupolistes n. gr. for pt. of *Polistes*. **Dalla Torre**, K. W. von. l.c. (68).

Eupolybia n. subgen. (*Polybia*). **Dalla Torre**, K. W. von. l.c. (76).

Eurrhynchium n. nom. for *Rhynchium*. **Dalla Torre**, K. W. von. l.c. (33).

Eusynagris n. nom. for *Synagris*. **Dalla Torre**, K. W. von. l.c. (30).

Euzethus n. gr. for *Zethus*. **Dalla Torre**, K. W. von. *Lc.* (14).

Hymenosmithia n. nom. for *Smithia* Sauss. **Dalla Torre**, K. W. von. *Lc.* (61).

Icariastrum n. nom. for *Icaria*. **Dalla Torre**, K. W. von. *Lc.* (72).

Icariella n. nom. for *Icaria*. **Dalla Torre**, K. W. von. *Lc.* (72).

Icarola n. nom. for *Icaria*. **Dalla Torre**, K. W. von. *Lc.* (72).

Juarnina indica n. sp. India. **Cameron**, P. *Zs. Hymenopter.*, Tschendorf, 4, 1901, (89-90).

Leontiniella n. gen., *L. argentina* n. sp. Argentina. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (265-267).

Macrorespa n. nom. for part of *Vespa*. **Dalla Torre**, K. W. von. In: Wytsman, *Genera Insectorum*, fasc. 19, 1901, (64).

Megacanthopus n. gen., *M. collaris*, *M. leointei*, *M. alfenii*, *M. imitator*, *M. punctatus* nn. spp. Parà. **Ducke**, A. Bol. Mus. Goeldi, Parà, 4, 1901, (358-363).

Monobia angulosa var. *cingulata* n. var. Argentina. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (264); *M. atrorufa* n. sp. **Ducke**, A. *Zs. Hymenopter.*, Tschendorf, 4, 1901, (112).

Montezumia bruchii n. sp.; *M. ferruginea* Sauss., description. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (261-263); *M. difficilis* n. sp. **Ducke**, A. *Zs. Hymenopter.*, Tschendorf, 4, 1901, (141).

Nortonia nn. spp. **Schulthess**, A. von. *Lc.* (270-283); *N. sulcata* n. sp. **Ducke**, A. *Lc.* (140).

Odynerus nn. spp. and description of species. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (268-303, 312-313); *O.* nn. spp. Darjiling. **Cameron**, P. *Entomologist*, London, 1904, (308, 309); *O. (Stenodynerus)* n. sp. Argentina. **Brèthes**, J. *Lc.* (303); *O. (? Ancistrocerus) aberraticus* n. sp. Abba Island. **Morice**, F. D. In: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, 1904, Pt. 1, (4-6); *O. argentinus*, nesting habits. **Brèthes**, J. *Rev. Mus.*, La Plata, 10, 1904, (201). *O. camieris* n. sp. Darjiling. **Cameron**, P. *Entomologist*, London, 1904, (259);

O. falcatus n. sp. **Tullgren**, A. Ark. Zool., Stockholm, 1, 1901, (152-153, with pl.); *O. catoni* n. sp. Tenerife. **Saunders**, E. *Ent. Mag.*, London, 40, 1901, (203).

Paracharteropus n. gen., *P. bentobuenoi* n. sp. Amazons. **Ihering**, R. von. San Paulo, *Rev. Mus.*, 6, 1901, (128-130).

Polistes, coloration. **Enteman**, W. M. Washington, D.C., (Carnegie institution) 1901, (88, with text fig., pl., and maps); *P.* nn. spp. Parà. **Ducke**, A. Bol. Mus. Goeldi, Parà, 4, 1901, (368-372); *P.* nn. spp., nomm., et varr. Brazil. **Ihering**, R. von. *Lc.* (181, 188 190, 198-199, 210-211, 217-218); *P. inornatus* n. sp. **Tullgren**, A. Ark. Zool., Stockholm, 1, 1904, (156-157, with pl.); *P. ruficornis* Sauss., *P. ferri* Sauss., *P. crinitus* (Felt.) Smith, *P. versicolor* (Oliv.) Sauss., description; *P. niger* n. sp.? S. America. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (20-27).

Polistoides n. gr. for part of *Polistes*. **Dalla Torre**, K. W. von. In: Wytsman, *Genera Insectorum*, fasc. 19, 1901, (68).

Polybia nn. spp. Parà. **Ducke**, A. Bol. Mus. Goeldi, Parà, 4, 1901, (341, 349, 351-356); *P. pseudomimetic* n. sp. Amazonia. **Schulz**, W. München, Sitzber. Ak. Wiss., Math.-phys. Kl., 33, (1903), 1901, (803); *P. ruficeps* Schrottky, description; *P. jurinei* var., *bonariense* n. var. S. America. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), 2, 1903, (28-29, 34-35).

Protapoica n. nom. for *Apoica*. **Dalla Torre**, K. W. von. In: Wytsman, *Genera Insectorum*, fasc. 19, 1901, (79).

Protodiscoelius n. gr. of *Discoelius*. **Dalla Torre**, K. W. von. *Lc.* (18).

Rhynehium sirdari n. sp. Khartum. **Morice**, F. D. In: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, 1901, Pt. 1, (1).

Synagris nn. spp. Africa. **Tullgren**, A. Ark. Zool., Stockholm, 1, 1901, (447-451, with pl.).

Tetrarthra n. gr. of *Monobia*. **Dalla Torre**, K. W. von. In: Wytsman, *Genera Insectorum*, fasc. 19, 1901, (28).

Triarthra n. gr. of *Monobia*. **Dalla Torre**, K. W. von. *Lc.* (28).

Trimeria buyssoni n. sp. Argentine. Brèthes, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (371-374).

Tritoliscoelius n. gr. of *Discoelius*. Dalla Torre, K. W. von. In: Wytsman, Genera Insectorum, fasc. **19**, 1904, (18).

Vespa nn. spp. Du Buysson, R. Paris, Bul. soc. ent., **1903**, (174-175); *V. germanica*, Nestbau. Pechlaner, E. Wien, Verh. ZoolBot. Ges., **54**, 1904, (77-79); *V. rufa*, nest with *V. austriaca*. Beresford, D. R. P. Irish Nat., Dublin, **1904**, (242); *V. vulgaris* L., instinct carnassier. Giard, A. Paris, Bul. soc. ent., **1903**, (9-10).

Wettsteinia n. gen. for *Labus*. Dalla Torre, K. W. von. In: Wytsman, Genera Insectorum, fasc. **19**, 1904, (13).

Zethus nn. spp. India. Cameron, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (13-14); *Z.* nn. spp. Dücke, A. l.e. (131-143); *Z. broomi* n. sp. Cape Colony. Cameron, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (110).

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GENERAL.

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Ashmead, W. H. Classification of the fossorial, predaceous, and parasitic wasps, or the super-family Vespoidea. Paper No. 18 contd. Canad. Ent., Toronto, **36**, 1901, (5-9).

Dücke, A. Zur Kenntnis der Sphagiden Nordbrasilien. Zs. Hymenopter., Teschendorf, **4**, 1904, (91-98).

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Aeluroides n. gen., *A. sjöstedti* n. sp. Tullgren, A. Ark. Zool., Stockholm, **1**, 1901, (428-430, with pl.).

Agencia lynchii n. sp. Argentina. Holmberg, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (491).

Ammophila spp. from N. America. Melander, A. L. Psyche, Cambridge, Mass., **10**, 1903, (156-164).

Ampulex hellmayri n. sp. Amazenia. Schulz, W. München, SitzBer. Ak. Wiss., Math.-phys. Kl. **33**, (1903), 1904, (760).

Anoplius nn. spp. Cape Colony. Cameron, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (126-135).

Apteropompilus dentatus n. sp. S. Africa. Cameron, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (176).

Astata lucinda n. sp. India. Nurse, C. G. Bombay, J. Nat. Hist. Soc., **16**, No. 1, 1904, (19-26).

Aulacophilus eumenoides n. sp. Dücke, A. Zs. Hymenopter., Teschendorf, **4**, 1904, (97).

Bembex, biologie. Bouvier, E. L. Feuille jeunes natural., Paris, (sér. 4), **32**, 1902, (65-68); Année psychol., Paris, **1901**, (70); *B.* nn. spp. Spain. Garcia Mercet, R. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (343-348); *B. khasiana* n. sp. Assam. Cameron, P. London, Trans. Ent. Soc., **1904**, (123); *B. megadonta* n. sp. Darjiling. Cameron, P. Entomologist, London, **1904**, (264).

Bothynostethus elypearis n. sp. Nordbrasilien. Dücke, A. Zs. Hymenopter., Teschendorf, **4**, 1904, (189-190); *B. collaris* n. sp. Dücke, A. l.e. (95).

Cerceris nn. spp. N. India. Cameron, P. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (292, 293); *C.* nn. spp. Argentina. Holmberg, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (475-486).

Ceropales maculata Fab. parasitic. Adlerz, G. Stockholm, Vet.-Ak. Bih., Afh. IV **28**, No. 14, 1902, (20); *C. punctulata* n. sp. Cape Colony. Cameron, P. Graham's Town, Cape Colony, Rec. Alban. Mus., **1**, 1904, (138); *C. quaintancei* n. sp. Viereck, H. L. Philadelphia, Pa., Ent. News Acad. Nat. Sci., **13**, 1902, (275-276).

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- Kohl., new to Britain. **Saunders, E.** Ent. Mag., London, **40**, 1901, (11).
- Dielis testaceipes* n. sp. Japan. **Cameron, P.** Entomologist, London, **1904**, (31).
- Diodontus gracilipes* n. sp. Tenerife. **Saunders, E.** Ent. Mag., London, **40**, 1901, (202).
- Elaphroptera herbsti* n. sp. Chili. **André, E.** Zs. Hymenopter., Tschendorf, **4**, 1901, (398).
- Ephuta (Photopsis) chilicola* n. sp. Chili. **André, E.** l.c. (306).
- Ephutomorpha* nn. spp. Australie. **André, E.** Paris, Mém. soc. zool., **15**, 1902, (244-277).
- Homalothymus* n. gen., *H. cburneus* n. sp. **Enderlein, G.** Zool. Anz., Leipzig, **27**, 1901, (166-170).
- Ischnolymnus* n. gen., *I. foreolatus* n. sp. Argentina. **Holmberg, E. L.** Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (472-473).
- Larra* nn. spp. N. India. **Cameron, P.** Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1901, (291, 295, 302).
- Liris violaceipennis* n. sp. N. India. **Cameron, P.** l.c. (300).
- Methoca ichneumonides* Latr., proie. **Adlerz, G.** Ark. Zool., Stockholm, **1**, 1901, (255-258).
- Mimesa palliditarsis* n. sp. Majorca. **Saunders, E.** London, Trans. Ent. Soc., **1904**, (605); *M. propinqua* n. sp. **Kincaid, T.** Alaska, (Harriman Expedition), **9**, New York, 1904, (107-112).
- Monedula surinamensis*, nesting habits. **Brèthes, J.** Rev. Mus., La Plata, **10**, 1904, (200-204).
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Pycnomutilla n. gen. for *M. waco* Bl. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (8).

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Salix nn. spp. N. India. **Cameron**, P. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (289, 290); *S.* nn. spp. Cameroons. **Tullgren**, A. Ark. Zool., Stockholm, **1**, 1901, (137-139, with pl.); *S. acenus* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, **4**, 1901, (10).

Schizanoplus n. gen., *S. violaceipennis* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Town, Rec. Alban. Mus., **1**, 1904, (125-126).

Scolia (Elis) nn. spp and type species. **Tullgren**, A. Zool., Stockholm, **1**, 1904, (130-135, 159-161); *S.* nn. spp. East Indies. **Tullgren**, A. l.c. (165-172, with pl.); *S. erythrovtrichia* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, **4**, 1901, (9).

Soleriella amazonica n. sp. **Ducke**, A. l.c. (96); *S. canariensis* n. sp. Tenerife. **Saunders**, E. Ent. Mag., London, **40**, 1901 (201).

Sphex nn. spp. Southeastern U. S. **Fernald**, H. T. Psyche, Cambridge, Mass., **10**, 1903, (201-204, with text fig.); *S. (Priononyx) seunae* n. sp. Patagonia. **Mantero**, G. Firenze, Boll. Soc. entom., **33**, (1901), trimestre 3-4, 1902, (197-203).

Tachysphex tinctipennis n. sp. N. India. **Cameron**, P. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (301).

Tachytes nn. spp. N. India. **Cameron**, P. l.c. (296-299).

Thyreosphex n. gen., *T. stantoni* n. sp. Philippines. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (282-283).

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Anochetus pellucidus n. sp. **Emery, C.** Bologna, Rend. Acc. Sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34); *A. traegardhi* n. sp. Khartum. **Mayr, G.** *In*: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (2-3).

Anomma emeryi var. *pulsi* n. var. W. Africa. **Forel, A.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (176).

Atta coronata Fabr., worker. **Forel, A.** Lc. (176); *A. (Trachymyrmex) turrifex* n. sp. Texas. **Wheeler, W. M.** Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.).

Azteca nn. spp. **Forel, A.** Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (692-702).

Brachymyrmex nanellus n. sp. Texas. **Wheeler, W. M.** Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.).

Caba n. nom. = *Brachygaster* Perty nec *Brachygaster* Leach; table of species; *C. bilineolata* var. *fasciata* n. var. **Ihering, R. von.** San Paulo, Rev. Mus., **6**, 1904, (105-114).

Camponotus nn. var. **Forel, A.** St. Peterburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, [1901], (379-381); *C. herculeanus* var. *rhymperi*, characters. **Forel, A.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (152); *C. maculatus* nn. varr. Cyprus, Port Elizabeth. **Forel, A.** Lc. (176-179); *C. maculatus*: *aerxes* n. st. **Forel, A.** Lc. (124); *C. pubescens*, Ueberwinterung in Südtirol. **Cobelli, R.** Wien, Verh. ZoolBot. Ges., **53**, 1903, (369-380); *C. teranus* n. sp. Texas. **Wheeler, W. M.** Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.); *C. ulci* n. sp. **Forel, A.** Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (706).

Carcbara junodi n. sp. Shilouvane, Africa. **Forel, A.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (154-155).

Cerapachys angustae, habits. **Wheeler, W. M.** Psyche, Cambridge, Mass., **10**, 1903, (205-209, with text fig.); *C. dohertyi* n. sp. **Emery, C.** Bologna, Rend. Acc. Sc., (N. Ser.), **6**, (1901-1902), 1902, (22-27).

Cremastogaster scutellaris, Ueberwinterung in Südtirol. **Cobelli, R.** Wien, Verh. ZoolBot. Ges., **53**, 1903, (369-380).

Cryptocerus complanatus: *ramiphilus* n. subsp. **Forel, A.** Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (678).

Diacamma rugivertex n. sp. **Emery, C.** Bologna, Rend. Acc. Sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34).

Dorylus (Anomma) kohli n. sp. Congo. **Wasmann, E.** Zool. Jahrb., Jena. Suppl., **7**, 1904, (669); *D. spininodis* n. sp., studi sul polimorfismo e la metamorfosi nel genere *Dorylus*. **Emery, C.** Bologna, Mem. Acc. sc., Sezione delle Scienze naturali, (Ser. 5), **9**, 1901-1902, (183-210, con 2 tav.).

Dorymyrmex antarcticus n. sp. **Forel, A.** Ergebn. Magalhaens. Exp., Lfg. **7**, No. 8, (6).

Eciton (Acamatus) paucillum n. sp. Texas. **Wheeler**, W. M. Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.); *E. selysi* n. sp. Brazil. **Forel**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (169).

Ectatomma (Gnamptogenys) haenschi n. sp. **Emery**, C. Bologna, Rend. Acc. Sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34); *E. tuberculatum*, pupation. **Cook**, O. F. Science, New York, N.Y., (N. Ser.), **20**, 1904, (310-312); *E. tuberculatum*. **Cook**, O. F. *l.c.* (611-612); *E. tuberculatum*. **Sanderson**, E. D. *l.c.* (887-888); *E. tuberculatum*. **Wheeler**, W. M. *l.c.* (437-440, 766-768).

Formica adelungi n. sp. Mongolia. **Forel**, A. St. Peterburg, Ann. Mus. Zool. Ac. Soc., **8**, 1903, [1904], (385); *F. exsecta* Nyl., als Hügelbildner in Sümpfen. **Holmgren**, N. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (353-370); *F. fusca* var. *rubescens* n. var. **Forel**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (423-424); *F. rufa* var. *whymperi* n. var., *F. dacotensis* var. *rasmanni* n. var. B. Columbia. **Forel**, A. *l.c.* (152-153); *F. sanguinea*, sociale Beziehungen, Symbiose. **Viehmeyer**, H. Allg. Zs. Ent., Neudamm, **9**, 1904, (334-344); *F. succica* n. sp. Sweden. **Adlerz**, G. Stockholm, Vet.-Ak. Öfvers, **59**, 1902, (263-265).

Lasius social relations. **Cockerell**, W. P. Psyche, Cambridge, Mass., **10**, 1903, (216-218); *L. emarginatus* und *L. fuliginosus*, Ueberwinterung in Südtirol. **Cobelli**, R. Wien, Verh. Zool.-Bot. Ges., **53**, 1903, (369-380); *L. niger* var. *flavescens* n. var. **Forel**, A. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, [1904], (386); *L. niger sitkensis*, n. subsp. Alaska. **Pergande**, T. Alaska (Harriman Expedition), New York, **9** 1904, (113-117).

Leptogenis intermedia n. sp. **Emery**, C. Bologna, Rend. Acc. Sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34).

Leptothorax alpinus n. sp., *L. unifasciatus* var. *tauricus* n. var. Caucasus-centr. **Ruzskij**, M. Kazan', Prot. Obsč. jest., **1902-1903**, [1901], Jhg., **34**, No. 206, (22); *L. bulgaricus* var. *melles* n. var. **Forel**, A. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, [1904], (375); *L. emersoni*, ethological observations. **Wheeler**, W. M. J. Psychol., Leipzig,

2, 1903, (31-47, 64-78); *L. yankee* var. *kincaidi* n. var. Alaska. **Pergande**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (113-117).

Macromischa subditiva n. sp. Texas. **Wheeler**, W. M. Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.).

Megalomyrmex emeryi n. sp. Surinam. **Forel**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (174-175).

Megaponera dohrni n. sp. **Emery**, C. Bologna, Rend. Acc. sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34).

Melophorus nn. spp. **Forel**, A. Ergebn. Magalhaens. Exp., Hamburg, Lfg 7, No. 8, 1904, (4-6).

Myrmecocystus viaticus nn. varr. **Forel**, A. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, [1904], (382).

Myrmelachista nn. spp. **Forel**, A. Zool., Jahrb., Jena, Abt. f. Syst., **20**, 1904, (704-705).

Myrmica rubra nn. varr. British Columbia. **Forel**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (154); *M. rubra* var. *tenuispina* n. var. **Forel**, A. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, [1904], (374); *M. sabuleti* Meinert, var. *lobifrons* n. var. Alaska. **Pergande**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (113-117).

Ophthalmopone nn. spp. **Emery**, C. Bologna, Rend. Acc. sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34).

Pachycondyla (Ectomomyrmex) japonica n. sp. **Emery**, C. *l.c.* (27-34).

Pheidole nn. spp. Texas. **Wheeler**, W. M. Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.); *P. severini* n. sp. Cayenne; *P. ursus* var. *gracilinode* n. var. Mexico. **Forel**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (171-172); *P. termitophila* n. sp. Sudan. **Forel**, A. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (13-14).

Phyracaces nn. spp. **Emery**, C. Bologna, Rend. Acc. sc., (Ser. 4), **6**, (1901-1902), 1902, (22-27).

Plagiolepis deweti n. sp. Natal. **Forel**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (123).

Podomyrma silvicola var. *dimidiata* n. var. **Forel**, A. *l.c.* (170).

Polyrhachis gracilis: *alata*, worker. Forel, A. l.c. (177).

Ponera incrociata n. sp. Texas. Wheeler, W. M. Psyche, Cambridge, Mass., 10, 1903, (93-111, with text fig.).

Prenolepis nn. spp. Texas. Wheeler, W. M. l.c. (93-111, with text fig.); *P. jaeegerskiöldi* n. sp. Cairo. Mayr, G. In: Jägerskiöld, L. A. Res. expéd. Egypt, Uppsala, Pt. 1, 1901, (8-10); *P. traesjordi* n. sp. Sudan. Forel, A. v. Wasmann, E. l.c. (11-15).

Pseudomyrma nn. spp. Forel, A. Zool. Jahrb., Jena, Abt. f. Syst., 20, 1904, (684-690); *P. latimola* var. *opacior* n. var. Cuba. Forel, A. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (170).

Rhopalothrix procera var. *ballioni* n. var. Forel, A. l.c. (175).

Sima sahlbergi var. *deplanata* n. var. Forel, A. St. Petersburg, Ann. Mus. zool. Ac. Sc., 8, 1903, [1904], (375).

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Stenamma spp. North America. *S. brevicorne*: *schmittii* n. subsp. Wheeler, W. M. Psyche, Cambridge, Mass., 10, 1903, (164-168); *S. barbarus* var. *persicus* n. var. Teheran. Forel, A. Bruxelles, Ann. Soc. ent. Belgique, 48, 1901, (175); *S. tuberculatum*. Nation. Geog. Mag., Washington, D.C., 15, 1901, (262-261).

Strumigenys ludovica n. sp. Madagascar. Forel, A. St. Petersburg, Ann. Mus. zool. Ac. Sc., 8, 1903, [1904], (369).

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CHRYSIDIDAE.

GENERAL.

Mocsáry, A. *Chrysididae* in Africa meridionali . . . collectae. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (403-413).

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Chrysis nn. spp., nn. varr. Spain. Garcia Mercet, R. Madrid, Bol. soc. esp. hist. nat., 4, 1901, (86-89); *C.* nn. spp. India. Nurse, C. G. Bombay, J. Nat. Hist. Soc., 16, No. 1, 1901, (19-26); *C. chlorochrysa* (Mocs.). Nurse, C. G. l.c. (21); *C. hydropica*, capture à Digne. Poujade, G. A. Paris, Bul. soc. ent., 1903, (226); *C.* nn. spp. Central Africa; *C. palliditarsis* Spin., faunistisch. Mocsáry, A. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (405-413).

Cleptes nigrita n. sp. Spain. Garcia Mercet, R. Madrid, Bol. soc. esp. hist. nat., 4, 1901, (83-84).

Cleptidea n. gen., verwandt mit *Cleptes* Latr., *C. aurora* Smith, *C. fasciata* Dhlb., *C. mutilloides* Ducke, *C. xanthomelaena* Mocs. Mocsáry, A. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (567-569).

Euchrocoides n. gen., *E. oblatas* n. sp. India. Nurse, C. G. Bombay, J. Nat. Hist. Soc., 16, No. 1, 1901, (23).

Hedychridium nn. spp. Deesa. Nurse, C. G. l.c. (19-26); *H. auriventris* n. sp. Spain. Garcia Mercet, R. Madrid, Bol. soc. esp. hist. nat., 4, 1901, (85-86); *H. dubium* n. sp., *H. minutum* var. *melanogaster* n. var. Spain. Garcia Mercet, R. l.c. (146-148).

Hedychrum stantoni n. sp. Philippines. Ashmead, W. H. Canad. Ent., Toronto, 36, 1904, (283).

Holopyga gloriosa F. var. *intermedia* n. var. Spain. Garcia Mercet, R. Madrid, Bol. soc. esp. hist. nat., 4, 1901, (85); *H. janthina* Dhlb., Beschreibung. Mocsáry, A. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1904, (403-404).

Paropes nn. spp. North America. Viereck, H. L. Philadelphia, Pa., Acad. Nat. Sci., Trans. Amer. Ent. Soc., 30, 1901, (245-250).

Spintharis bispinosa Mocs., faunistisch. Mocsáry, A. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 2, 1901, (404).

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PROCTOTRUPTIDAE.

Bocchus atriceps n. sp. New York. Brues, C. T. Canad. Ent., Toronto, 36, 1904, (118-119).

Dryinus nigrellus n. sp. Long Island. **Brues**, C. T. *l.c.* (117-118).

Epyris nn. spp. Texas. **Kieffer**, J. J. *Ark. Zool.*, Stockholm, **1**, 1904, (526-528); *E. albopilosus* n. sp. Darling. **Cameron**, P. *Entomologist*, London, **1904**, (307).

Eupsencella herbsti n. sp. Chili. **Kieffer**, J. J. *Rev. chilena*, Valparaiso, **8**, 1904, (142, pl. V, fig. 1).

Gonatopus sjöstedti n. sp. Texas. **Kieffer**, J. J. *Ark. Zool.*, Stockholm, **1**, 1904, (525-526).

Goniozus longiceps n. sp. Texas. **Kieffer**, J. J. *l.c.* (529-530).

Hoplogryon sulcatus n. sp. Texas. **Kieffer**, J. J. *l.c.* (538-539).

Hoplotelcia rufidorsum n. sp. Brasilien. **Kieffer**, J. J. *l.c.* (533-534).

Lapitha nigriceps n. sp. Brasilien. **Kieffer**, J. J. *l.c.* (537-538).

Macroteleia punctata n. sp. Texas. **Kieffer**, J. J. *l.c.* (532-533).

Oxylabis bifoveolatus n. sp. New Jersey. **Brues**, C. T. *Canad. Ent.*, Toronto, **36**, 1904, (118-119).

Pentacantha longicornis n. sp. Texas. **Kieffer**, J. J. *Ark. Zool.*, Stockholm, **1**, 1904, (536-537).

Polynotus minutus Lindm., cycle évolutif. **Marchal**, P. *Paris, Bul. soc. ent.*, **1903**, (90-93).

Proctotrypes unidentatus n. sp. Chili. **Kieffer**, J. J. *Rev. chilena*, Valparaiso, **8**, 1904, (145-146).

Proplatygaster n. gen., *P. rufipes* n. sp. Chili. **Kieffer**, J. J. *l.c.* (144-145, pl. V, figs. 2-4).

Rhabdopyris haemorrhoidalis n. sp. Texas. **Kieffer**, J. J. *Ark. Zool.*, Stockholm, **1**, 1904, (528-529).

Scelio nn. spp. Texas. **Kieffer**, J. J. *l.c.* (530-532).

Tanypotus n. gen., *T. rufithorax* n. sp. Cape Colony. **Cameron**, P. *Graham's Town, Cape Colony, Rec. Alban. Mus.*, **1**, 1901, (140-141).

Telenomus, Parthenogenese. **Was-siliew**, J. W. *Zool. Anz.*, Leipzig, **27**, 1901, (578-579); *T. eucanthae* n. sp. Philippines. **Ashmead**, W. H. *Canad. Ent.*, Toronto, **36**, 1904, (284); *T. fimbriatus* n. sp. Wisconsin. **Kieffer**,

J. J. *Ark. Zool.*, Stockholm, **1**, 1904, (539).

Trissacantha striaticeps n. sp. Texas. **Kieffer**, J. J. *l.c.* (535-536).

CHALCIDIDAE.

SPECIAL.

Acanthometopon n. gen., type *A. clavicornis* Ashm., *A. clavicorne* n. sp. S. America. **Ashmead**, W. H. *Pittsburg, Pa., Mem. Carnegie Mus.*, **1**, 1901, (498, pl. XXXVIII, fig. 3).

Acroclisis brasiliensis n. sp. South America. **Ashmead**, W. H. *l.c.* (502).

Alloderma n. gen., type *A. maculipennis* Ashm., S. America. **Ashmead**, W. H. *l.c.* (273).

Alloplus n. gen., type *A. flavus* Ashm., *A. brasiliensis* n. sp. S. America. **Ashmead**, W. H. *l.c.* (553, 520).

Ametallon n. gen., type *A. chapadae* n. sp. S. America. **Ashmead**, W. H. *l.c.* (344, 511).

Anastatus nn. spp. South America. **Ashmead**, W. H. *l.c.* (493-495).

Aphidencyrus brasiliensis n. sp. South America. **Ashmead**, W. H. *l.c.* (497).

Aphobetoideus n. gen., type *A. comperci* Ashm., S. America. **Ashmead**, W. H. *l.c.* (328).

Apocryptophagus n. gen., type *Chalcis* (?) *explorator* Coquerel. **Ashmead**, W. H. *l.c.* (238).

Ardalus howardii n. sp. South America. **Ashmead**, W. H. *l.c.* (517).

Azima nn. spp. S. America. **Ashmead**, W. H. *l.c.* (459).

Aximogastra n. gen., type *A. bahiae* n. sp. South America. **Ashmead**, W. H. *l.c.* (261, 463, pl. XXXIII, fig. 5).

Aximopsis n. gen., type *A. morio* n. sp. South America. **Ashmead**, W. H. *l.c.* (259, 460, pl. XXXII, fig. 6).

Bephrata striatipes n. sp. South America. **Ashmead**, W. H. *l.c.* (462, pl. XXXIII, fig. 4).

Blatticida n. gen., type *B. pulchra* Ashm., S. America. **Ashmead**, W. H. *l.c.* (305).

Bothriothorax brasiliensis n. sp. South America. **Ashmead**, W. H. *l.c.* (196).

Brachycaulonia n. gen., type *B. californica* Ashm. S. America. **Ashmead**, W. H. *l.c.* (283).

Brasema fusipennis n. sp. South America. **Ashmead**, W. H. *l.c.* (486).

Bruchobius n. gen., type *B. laticeps* Ashm. S. America. **Ashmead**, W. H. *l.c.* (311).

Brucholipus funebris, life history. **Titus**, E. S. G. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. 44, 1904, (77-80).

Cecidoxenus n. gen., type *C. nigrocyaneus* Ashm. S. America. **Ashmead**, W. H. Pittsburg, Pa., Mem. Carnegie Mus., 1, 1904, (271).

Ceratostmiera n. gen., type *C. petiolata* Ashm. S. America. **Ashmead**, W. H. *l.c.* (251).

Chalcidectes annulipes n. sp. South America. **Ashmead**, W. H. *l.c.* (483, pl. XXXVI, fig. 2).

Chryseida acneiventris n. sp. South America. **Ashmead**, W. H. *l.c.* (462, pl. XXXIII, fig. 3).

Chrysotomus n. gen., type *C. zealandicus* Ashm. S. America. **Ashmead**, W. H. *l.c.* (342).

Chrysonotomyia n. gen., type *Eulophus auripunctatus* Ashm. S. America. **Ashmead**, W. H. *l.c.* (341).

Cirrospiloideus n. gen., type *Miotropis palynotae* Howard. S. America. **Ashmead**, W. H. *l.c.* (351).

Coelochalcis n. gen. near *Halticella*, *C. carinifrons* n. sp. Sikkim. **Cameron**, P. Entomologist, London, 1904, (111).

Comys infelix, anatomy and metamorphosis, eggs **Embleton**, A. L. London, Trans. Linn. Soc., (Ser. 2), 9, 1904, (231-251, pls. XI, XII); *C. kara-kurti* n. sp. **Rossikov**, R. N. Trd. B. entom. Učen. Kom. M. Zeml., St. Petersburg, 5, No. 2, 1904, (1-232).

Decatomothorax n. gen., type *D. gallicola* Ashm. S. America. **Ashmead**, W. H. Pittsburg, Pa., Mem. Carnegie Mus., 1, 1904, (273).

Diaulomorpha n. gen., type *D. australiensis* Ashm. S. America. **Ashmead**, W. H. *l.c.* (356).

Diaulus n. gen., type *D. begini* Ashm. S. America. **Ashmead**, W. H. *l.c.* (356).

Dicoclothorax platycerus n. sp. South America. **Ashmead**, W. H. *l.c.* (170, pl. XXXV, fig. 3).

Diglyphomorpha n. gen., type *Diglyphus maculipennis* Ashm. S. America. **Ashmead**, W. H. *l.c.* (352).

Dimmickia n. gen., type *Eulophus incongruus* Ashm. S. America. **Ashmead**, W. H. *l.c.* (357).

Eisenia n. gen., type *E. mexicana* Ashm., *E. flaviscapa* n. sp. South America. **Ashmead**, W. H. *l.c.* (233).

Elachertomorpha n. gen., type *E. flaviceps* n. sp. S. America. **Ashmead**, W. H. *l.c.* (352, 518).

Elasmus nn. spp. South America. **Ashmead**, W. H. *l.c.* (502-503).

Encyrtaspis n. gen., type *E. brasiliensis* n. sp. S. America. **Ashmead**, W. H. *l.c.* (290, 492, pl. XXXVII, fig. 1).

Encyrtus kara-kurti n. sp. **Rossikov**, K. N. Trd. B. entom. Učen. Kom. M. Zeml., St. Petersburg, 5, No. 2, 1904, (1-232); *E. telenomicida* n. sp. **Vassiliev**, I. Rev. russ. ent., Jaroslavl', 4, 2-3, 1901, (117-118); Trd. B. entom. Učen. Kom. Zeml., St. Petersburg, 4, 11, 1904, (72).

Emeasmiera n. gen., type *Smicra exanimis* Walk., *E. corumbensis*, *E. incerta* nn. spp. S. America. **Ashmead**, W. H. Pittsburg, Pa., Mem. Carnegie Mus., 1, 1904, (252, 449).

Epipteromalus n. gen., *E. algonquinensis* Ashm. S. America. **Ashmead**, W. H. *l.c.* (319).

Eulophopteryx n. gen., type *E. chapadae* n. sp. S. America. **Ashmead**, W. H. *l.c.* (341, 506, pl. XXXVIII, fig. 6).

Euphthalmomyia n. gen., type *E. pallidipes* Ashm. S. America. **Ashmead**, W. H. *l.c.* (339).

Eupelmus nn. spp. South America. **Ashmead**, W. H. *l.c.* (488-490).

Euplectrus nn. spp. South America. **Ashmead**, W. H. *l.c.* (516-517).

Euryeranium n. nom. (= *Eurycephalus* Ashm. preoccupied). **Ashmead**, W. H. *l.c.* ([i]-vi + 225-551, with pl.).

Eustypura n. gen., type *E. bicolor*, *E. semimaculata*, *E. smithii* nn. spp. S. America. **Ashmead**, W. H. l.c. (251, 112-113, pl. XXXI, figs. 4, 5).

Froggattia n. gen., type *F. polita* Ashm. S. America. **Ashmead**, W. H. l.c. (238).

Hemitorymus n. gen., type *H. thoracicus* n. sp. S. America. **Ashmead**, W. H. l.c. (243, 401).

Heptasmiera n. gen., type *Smiera oblitterata* Walk., *H. affinis*, *H. lineaticornis*, *H. longicaudata*, *H. persimilis*, *H. quadrimaculata* nn. spp. S. America. **Ashmead**, W. H. l.c. (252, 452-453).

Herbertia nn. spp. South America. **Ashmead**, W. H. l.c. (474, pl. XXXV, fig. 6).

Hexasmiera n. gen., type *Smiera transversa* Walk., *H. brasiliensis*, *H. trinidadensis* nn. spp. S. America. **Ashmead**, W. H. l.c. (252, 454).

Holeopeltoides n. gen., type *H. petiolata* Ashm. S. America. **Ashmead**, W. H. l.c. (341).

Hontalia nn. spp. South America. **Ashmead**, W. H. l.c. (458, pl. XXXII, figs. 4 and 5).

Hoplocrepis nn. spp. South America. **Ashmead**, W. H. l.c. (505, pl. XXXVIII, fig. 5).

Horismenus nn. spp. South America. **Ashmead**, W. H. l.c. (507-508).

Hubbardiella n. gen., type *H. arizonensis* Ashm. S. America. **Ashmead**, W. H. l.c. (339).

Hypopteromalus n. gen., type *Pteromalus tabacum* Fitch. S. America. **Ashmead**, W. H. l.c. (320).

Ichnopsis nn. spp. South America. **Ashmead**, W. H. l.c. (487).

Isosomodes nn. spp. South America. **Ashmead**, W. H. l.c. (460-461, pl. XXXIII, figs. 1 and 2).

Kapala splendens n. sp. South America. **Ashmead**, W. H. l.c. (473, pl. XXXV, fig. 4).

Koebelia n. gen., type *K. australiensis* Ashm. S. America. **Ashmead**, W. H. l.c. (238).

Lasiokapala serrata n. sp. South America. **Ashmead**, W. H. l.c. (471, pl. XXXV, fig. 5).

Lelaps nn. spp. **Ashmead**, W. H. l.c. (479-482, pl. XXXVI, fig. 1).

Leurodesmia flaviceps n. sp. South America. **Ashmead**, W. H. l.c. (518).

Leucospis enderleini n. sp. South America. **Ashmead**, W. H. l.c. (405, pl. XXXI, fig. 1).

Lophocomus cyaneus n. sp. South America. **Ashmead**, W. H. l.c. (506).

Macrorileya n. gen., type *Rileya oceanthi* Ashm. S. America. **Ashmead**, W. H. l.c. (264).

Megastigmus dorsalis F. Denmark, biological notes. **Nielsen**, J. C. Kjöbenhavn, Ent. Medd., (Ser. 2), 1, 1904, (234).

Melanosmiera n. gen., type *M. immaculata* n. sp. S. America. **Ashmead**, W. H. Pittsburgh, Pa., Mem. Carnegie Mus., 1, 1904, (251, 448).

Metadontia nn. spp. S. America. **Ashmead**, W. H. l.c. (453-454).

Metopon nn. spp. South America. **Ashmead**, W. H. l.c. (497-498).

Mirocerus n. gen., type *M. peyrelae* Ashm. S. America. **Ashmead**, W. H. l.c. (309).

Mischosmiera n. gen., type *M. kahlii* Ashm. S. America. **Ashmead**, W. H. l.c. (251).

Mormoniella n. gen., type *M. brevicornis* Ashm. S. America. **Ashmead**, W. H. l.c. (316).

Nasonia n. gen., type *N. brevicornis* Ashm. S. America. **Ashmead**, W. H. l.c. (317).

Neorileya n. gen., type *N. flavipes* n. sp. S. America. **Ashmead**, W. H. l.c. (264, 466, pl. XXXVI, fig. 2).

Nesomyia n. gen., type *N. albipes* Ashm. S. America. **Ashmead**, W. H. l.c. (344).

Notanisomorpha n. gen., type *N. collaris* Ashm. S. America. **Ashmead**, W. H. l.c. (356).

Octosmiera n. gen., type *O. laticeps* Ashm., *O. nigromaculata*, *O. trimaculata*, nn. spp. South America. **Ashmead**, W. H. l.c. (253, 450-451).

Omphale brasiliensis n. sp. South America. **Ashmead**, W. H. l.c. (501).

Oueorhaleis n. gen., *O. marginata* n. sp. India. **Cameron**, P. Entomologist, London, 1904, (161-162).

Ormyrus brasiliensis n. sp. South America. **Ashmead**, W. H. Pittsburg, Pa., Mem. Carnegie Mus., 1, 1901, (101).

Oxyoryphus n. gen., near *Stomatoceras*, *O. pilosellus* n. sp. Deesa. **Cameron**, P. Entomologist, London, 1904, (109-110).

Pachycerpoideus n. gen., type *P. dubius* Ashm. S. America. **Ashmead**, W. H. Pittsburg, Pa., Mem. Carnegie Mus., 1, 1901, (329).

Paraerias n. gen., type *P. laticeps* n. sp. S. America. **Ashmead**, W. H. l.c. (313, 510, pl. XXXIX, fig. 1).

Parapteromalus n. gen., type *P. isosomatis* Ashm. S. America. **Ashmead**, W. H. l.c. (320).

Parasaphes n. gen., type *P. iceryae* Ashm. S. America. **Ashmead**, W. H. l.c. (328).

Paraspalangia n. gen., type *P. amnolipes* Ashm. S. America. **Ashmead**, W. H. l.c. (334).

Paraterobia n. gen., type *P. nigriceps* Ashm. S. America. **Ashmead**, W. H. l.c. (274).

Parenelyrtus brasiliensis n. sp. South America. **Ashmead**, W. H. l.c. (299).

Pelorotelus n. gen., type *P. coeruleus* n. sp. S. America. **Ashmead**, W. H. l.c. (341, 509).

Pentarthron brasiliensis n. sp. South America. **Ashmead**, W. H. l.c. (521).

Pentasmiera n. gen., type *P. brasiliensis* Ashm. South America. **Ashmead**, W. H. l.c. (252).

Perilampus brasiliensis n. sp. South America. **Ashmead**, W. H. l.c. (167, pl. XXXIV, fig. 4).

Pheidolozenus n. gen., type *P. wheeleri* Ashm. S. America. **Ashmead**, W. H. l.c. (328).

Phlebotopenes nn. spp. South America. **Ashmead**, W. H. l.c. (492, pl. XXXVII, fig. 3).

Physothorax mayri n. sp. South America. **Ashmead**, W. H. l.c. (400).

Plesiostigmodes n. gen., type *P. brasiliensis* n. sp. S. America. **Ashmead**, W. H. l.c. (243, 100).

(x 2-5658)

Podagrion cyaneus n. sp. South America. **Ashmead**, W. H. l.c. (102).

Polynema nn. spp. South America. **Ashmead**, W. H. l.c. (521).

Prodecatoma n. gen., type *P. flarescens* n. sp.; *P. branciventris*, *P. thoracica*, *P. nigra* nn. spp. S. America. **Ashmead**, W. H. l.c. (261, 463-464, pl. XXXIII, fig. 6).

Pseudochaleis nn. spp. S. America. **Ashmead**, W. H. l.c. (407).

Pseudochaleura n. gen., type *Eucharis gibbosa* Provancher. *P. nigrocyanea* n. sp. S. America. **Ashmead**, W. H. l.c. (268, 468, pl. XXXIV, fig. 6).

Rileya orbitalis n. sp. South America. **Ashmead**, W. H. l.c. (167).

Sajiella n. gen., type *Smiera debilis* Say. S. America. **Ashmead**, W. H. l.c. (251).

Schwarzella n. gen., type *S. arizonensis* Ashm. South America. **Ashmead**, W. H. l.c. (256).

Scotolinx n. gen., type *S. gallicola* Ashm. S. America. **Ashmead**, W. H. l.c. (351).

Scymnophagus n. gen., type *S. townsendi* Ashm. S. America. **Ashmead**, W. H. l.c. (319).

Spalangia brasiliensis n. sp. South America. **Ashmead**, W. H. l.c. (502).

Spathopus n. gen., type *S. anomalipes* Ashm. S. America. **Ashmead**, W. H. l.c. (272).

Spilochaleis nn. spp. South America. **Ashmead**, W. H. l.c. (128-147); *S. andrei* n. nom. (= *Smiera flarescens* André). **Ashmead**, W. H. l.c. (118).

Stenomesioides n. gen., type *S. mellea* Ashm. S. America. **Ashmead**, W. H. l.c. (355).

Stenomesus dimidiatus n. sp. South America. **Ashmead**, W. H. l.c. (519, pl. XXXIX, fig. 3).

Stibula nigriceps n. sp. South America. **Ashmead**, W. H. l.c. (168, pl. XXXV, fig. 2).

Stigmatocrepis n. gen., type *S. americana* Ashm. S. America. **Ashmead**, W. H. l.c. (273).

Stylophorella n. gen., type *S. perplexa* Ashm. S. America. **Ashmead**, W. H. l.c. (275).

Sycopterygella n. gen., type *Sycopterygella anguliceps* Westw. S. America. Ashmead, W. H. l.c. (239).

Sycopterygidea n. gen., type *Sycopterygella monilifer*. S. America. Ashmead, W. H. l.c. (239).

Sympiesomorpha n. gen., type *S. brasiliensis* n. sp., *S. obscura* n. sp. S. America. Ashmead, W. H. l.c. (352, 519).

Syntomaspis nn. spp. South America. Ashmead, W. H. l.c. (397-398).

Systolodes brasiliensis n. sp. Chapada. Ashmead, W. H. l.c. (466).

Tachardiaephagus n. gen., type *T. thoracicus* Ashm. S. America. Ashmead, W. H. l.c. (303).

Tachinacphagus n. gen., type *T. zealandicus* Ashm. S. America. Ashmead, W. H. l.c. (301).

Tetranemopteryx n. gen., type *Sycopterygella 4-setosa* Westw. S. America. Ashmead, W. H. l.c. (239).

Tetrasmiera n. gen., type *Smicra contracta* Walk. S. America. Ashmead, W. H. l.c. (252).

Tetrastichus nn. spp. South America. Ashmead, W. H. l.c. (515-516, pl. XXXIX, fig. 2).

Thaumapus acuminatus n. sp. South America. Ashmead, W. H. l.c. (448).

Thaumaleia pulchripennis n. sp. South America. Ashmead, W. H. l.c. (106, pl. XXXI, fig. 2).

Torymus nn. spp. South America. Ashmead, W. H. l.c. (398-399); *T. mesembryanthemi* n. sp. Cape Colony. Cameron, P. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1901, (109); *T. thomsoni* n. sp. Quebec. Fyles, T. W. Canad. Ent., Toronto, 36, 1901, (106).

Trichencyrtus n. gen., type *T. chapadae* Ashm., *T. robustus* n. sp. S. America. Ashmead, W. H. Pittsburg, Pa., Mem. Carnegie Mus., 1, 1901, (291, 495, pl. XXXVII, fig. 5).

Trichoporus nn. spp. South America. Ashmead, W. H. l.c. (512).

Trigonoderus brasiliensis n. sp. South America. Ashmead, W. H. l.c. (185, pl. XXXVI, fig. 4).

Trigonogastra n. gen., type *T. aurata* Ashm. S. America. Ashmead, W. H. l.c. (330).

Trigonura dorsalis n. sp. South America. Ashmead, W. H. l.c. (466).

Trismiera n. gen., type *Smiera contracta* Walk. South America. Ashmead, W. H. l.c. (252).

Tropidogastra n. gen., type *T. arizonensis* Ashm. South America. Ashmead, W. H. l.c. (323).

Uroderostenus n. gen., type *U. pleuralis* Ashm. S. America. Ashmead, W. H. l.c. (313).

Urocentdon n. gen., type *U. verticellata* n. sp. S. America. Ashmead, W. H. l.c. (341, 505, pl. XXXVIII, fig. 4).

Westwoodella n. gen., type *Oligosita subfasciata* Westw. S. America. Ashmead, W. H. l.c. (359).

Xanthoatomus n. gen. S. America. Ashmead, W. H. l.c. (360).

Xanthomelanus n. gen., type *Chalcis dimidiata* Fabr. S. America. Ashmead, W. H. l.c. (251).

Zagrammosoma n. nom., type *Hippoccephalus multilineata* Ashm. S. America. Ashmead, W. H. l.c. (351).

Zaommomyia n. gen., type *Chrysoscharis stigmata* Ashm. S. America. Ashmead, W. H. l.c. (340).

ICHNEUMONIDAE.

GENERAL.

Berthoumieu, abbé P. Supplément aux Ichneumonien d'Europe. Échange, Lyon, 20, 1901, (13-15).

——— Hymenoptera, fam. Ichneumonidae, sub-fam. Ichneumoninae. In: Wytsman, Genera Insectorum, Fasc. 18, Bruxelles, 1901, (87, with 2 pls.).

Felt, E. P. Synopsis of certain genera of the Ophionini. [With bibliographies.] Albany Univ., N.Y., Bull. St. Mus., No. 76, 1904, (97-125, with pl.).

Ghigi, A. Imenotteri di Cefalonia raccolti dal dott. Domenico Sangiorgi. Firenze, Boll. Soc. entom., 33, (1901), (trimestre 3-4), 1902, (189-191).

Kokujev, N. Hymenoptera asiatica nova. IV. Rev. russ. ent., Jaroslavl, 4, 2-3, 1901, (106-108).

Krieger, R. Zur Synonymik der Ichneumoniden. II. Zs. Hymenopter., Teschendorf, 4, 1901, (172-176).

SPECIAL.

Aconias n. gen., *A. spinatarsis* n. sp. India. **Cameron, P.** Zs. Hymenopter., Teschendorf, 4, 1901, (315-316).

Aceronus nn. spp. Afrika. **Enderlein, G.** Zool. Anz., Leipzig, 28, 1901, (65-69).

Alyathia n. gen., *A. maculiceps* n. sp. India. **Cameron, P.** Zs. Hymenopter., Teschendorf, 2, 1902, (392-393); *A.* nn. spp. Khasia Hills. **Cameron, P.** Ann. Mag. Nat. Hist., London, (Ser. 7), 13, 1901, (222-232).

Alexetastes (*Exetastes*) n. subgen., *E. coreanus*, *E. komarikori* nn. spp. **Kokujev, N.** Rev. russ. ent., Jaroslavl, 4, 2-3, 1901, (106-108).

Alystria n. gen., *A. curvilineata* n. sp. India. **Cameron, P.** Zs. Hymenopter., Teschendorf, 4, 1904, (340-341).

Amblyjoppa nn. spp. India. **Cameron, P.** l.c. 3, 1903, (179-180).

Amblyteles catagraphus n. sp. China. **Kokujev, N.** Rev. russ. ent., Jaroslavl, 4, No. 1, 1901, (11-18); *A. kara-kurti* n. sp. **Rossikov, K. N.** Trd. B. entom. Učen. Kom. M. Zeml., St. Petersburg, 5, No. 2, 1901, (1-232, mit 29 Fig.).

Amesolytus pictus n. sp. N. America. **Fyles, T. W.** Canad. Ent., Toronto, 36, 1904, (207).

Anisobas tschitscherini n. sp. Transcaucasus. **Kokujev, N.** Rev. russ. ent., Jaroslavl, 4, 1901, (199).

Apaeleticus brevicornis ♀, *A. inelytus* ♀. **Berthoumieu, abbé V.** Echange, Lyon, 20, 1904, (14).

Barichneumon heracleanae ♂. **Morley, C.** Ent. Mag., London, 40, 1901, (37).

Bassus lactatorius Fab., a "parasite" of *Aphis persicae-niger*. **Froggatt, W. W.** Agric. Gaz., Sydney, N.S.W., 15, 1904, (611, fig. 1).

Bellargea n. gen., *B. albomaculata* n. sp. India. **Cameron, P.** Zs. Hymenopter., Teschendorf, 3, 1903, (15).

(x 2-5658)

Bosmina mandibularis n. sp. India. **Cameron, P.** l.c. (338).

Caenocryptus remex Tschek ♀. **Pfannkuch, K.** l.c. 4, 1901, (225).

Campoplex nn. spp. India. **Cameron, P.** l.c. 3, 1903, (339).

Catadelphus dusmeti n. sp. Spain. **Berthoumieu, V.** Madrid, Bol. soc. esp. hist. nat., 4, 1901, (161-162).

Cidaphurus n. gen., *C. flavomaculatus* n. sp. India. **Cameron, P.** Zs. Hymenopter., Teschendorf, 4, 1901, (316).

Coelichneumon derasus var. *pictus* n. var. **Roman, A.** Entomol. Tidskr., Stockholm, 25, 1901, (115).

Coelojoppa n. gen., *C. cariniventris* n. sp. Darjeeling. **Cameron, P.** Entomologist, London, 1904, (163, 208).

Colpomera flava n. sp. Philippines. **Ashmead, W. H.** Canad. Ent., Toronto, 36, 1901, (284).

Cosmojoppa n. gen., *C. violaceipennis* n. sp. India. **Cameron, P.** Zs. Hymenopter., Teschendorf, 2, 1902, (395).

Cratichneumon nn. spp. **Bradley, J.** l.c. 4, 1904, (106-108).

Cryptus spp., *C. curvicauda* Thomson. **Roman, A.** Entomol. Tidskr., Stockholm, 24, 1903, (77-78, with pl.); *C.* nn. spp. Assam. **Cameron, P.** London, Trans. Ent. Soc., 1904, (105-106); *C. capensis* n. sp. Cape Colony. **Cameron, P.** Graham's Town, Cape Colony, Rec. Alban. Mus., 1, 1901, (142); *C. kara-kurti* n. sp. **Rossikov, K. N.** Trd. B. entom. Učen. Kom. M. Zeml., St. Petersburg, 5, No. 2, 1901, (1-232).

Cultrarius flavo-balteatus n. sp. India. **Cameron, P.** Zs. Hymenopter., Teschendorf, 3, 1903, (312).

Cyanojoppa n. gen., *C. rufofemorata*, *C. caeruleicandis*, *C. nigrocoerulea* nn. spp. India. **Cameron, P.** l.c. 2, 1902, (398); 3, 1903, (9-12).

Darpasus n. gen., *D. pilosus* n. sp. India. **Cameron, P.** l.c. 4, 1901, (314).

Darymna n. gen., *D. pleuralis* n. sp. India. **Cameron, P.** l.c. (224, 337).

Delopia n. gen., *D. cariniscutis* n. sp. India. **Cameron, P.** l.c. 3, 1903, (301, 337).

Epialtes tschitscherini n. sp. Ural. **Kokujev**, N. Rev. Russ. Ent., Jaroslavl', 4, 1904, (200).

Epiurus carpocapsae n. sp. Russia. **Ashmead**, W. H. Canad. Ent., Toronto, 36, 1904, (102).

Eristicus iridipennis n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Alban. Mus., 1, 1904, (142).

Etha nn. spp. **Cameron**, P. London, Trans. Ent. Soc., 1904, (103).

Exetastes nn. spp. Corea. **Kokujev**, N. Rev. Russ. Ent., Jaroslavl', 4, 1904, (106-108).

Facula n. gen., *F. maculata* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, 4, 1904, (338).

Fovaya n. gen., *F. annulicornis* n. sp. India. **Cameron**, P. l.c. 3, 1903, (341-342).

Friona nn. spp. Assam. **Cameron**, P. London, Trans. Ent. Soc., 1904, (107-109).

Genophion n. gen., *G. coloradensis*, *G. gilletti* nn. spp. Colorado. **Felt**, E. P. Albany, Univ. N.Y., Bull. St. Mus., No. 76, 1904, (123-124).

Gotra fulvipes n. sp. Assam. **Cameron**, P. London, Trans. Ent. Soc., 1904, (104).

Gurfyia n. gen., *G. albipilosa* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, 3, 1903, (178-179).

Hadrojoppa n. gen., *H. annulitarsis* n. sp. India. **Cameron**, P. l.c. 2, 1902, (396-397); *H. fumipennis* n. sp. N. India. **Cameron**, P. Ann. Mag. Nat. Hist., London, (Ser. 7), 13, 1904, (278).

Haliphera flavomaculata n. sp. Darjeeling. **Cameron**, P. Entomologist, London, 1904, (306).

Hedycryptus n. gen., *H. filicornis* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, 3, 1903, (298-299).

Hedyjoppa n. gen., *H. aurantacea* n. sp. India. **Cameron**, P. l.c. 4, 1901, (219-220).

Hemiteles nn. spp. Assam. **Cameron**, P. London, Trans. Ent. Soc., 1904, (110-111).

Hyboporus piceus n. sp. **Berthoumieu**, abbé V. Echange, Lyon, 20, 1904, (13-15).

Ichnemum nn. spp. **Berthoumieu**, abbé V. Echange, Lyon, 20, 1904, (13-15); *I.* nn. spp. China. **Kokujev**, N. Rev. russ. ent., Jaroslavl', 4, No. 1, 1904, (11-18); *I.* nn. spp. Irkutsk. l.c. 2-3, 1904, (80-84); *I.* nn. spp. Sibirien. **Roman**, A. Entomol. Tidskr., Stockholm, 25, 1904, (139-150, with pl.); *I. rubriornatus* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Town, Rec. Alban. Mus., 1, 1904, (141); *I. amphibolus*, characters, *I. didymus* ♂. **Roman**, A. Entomol. Tidskr., Stockholm, 25, 1904, (116).

Icyona n. gen., *I. rufipes* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, 3, 1903, (340-341).

Joppoides n. gen. for *J. xanthomelas* Tosquinet. **Berthoumieu**, V. In: Wytzman's Genera Insectorum, Fasc. 18, 1904, (23).

Lachmetha n. gen., *L. spinitarsis* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, 3, 1903, (182).

Laequila n. gen., *L. annulata* n. sp. India. **Cameron**, P. l.c. 4, 1904, (311-342).

Larviga n. gen., *L. rufofemorata* n. sp. India. **Cameron**, P. l.c. 3, 1903, (13-14).

Larpetites n. gen., *L. ruficollis* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Alban. Mus., 1, 1904, (144-145).

Limneria africana n. sp. Cape Colony. **Cameron**, P. l.c. (175).

Lissonota nn. spp. Cape Colony. **Cameron**, P. l.c. (147).

Lodryca n. gen., *M. lineaticeps* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, 4, 1904, (223).

Lynteria n. gen., *L. violaceipennis* n. sp. India. **Cameron**, P. l.c. (220-221).

Mesostenus nn. spp. Assam. **Cameron**, P. London, Trans. Ent. Soc., 1904, (112-119); *M. oneili* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Alban. Mus., 1, 1901, (143).

Metopius erythropus n. sp. Cape Colony. **Cameron**, P. l.c. (148).

Microplitis kara-kurti n. sp. **Rossikov**, K. N. Trd. B. entom. Učen. Kom. M. Zeml., St. Petersburg, **5**, No. 2, 1901, (1-232).

Miojoppa n. gen., *M. rufa* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, **2**, 1902, (392).

O.ontojoppa n. gen., *O. metallica* n. sp. India. **Cameron**, P. l.c. **3**, 1903, (16, 177).

O. pulnia n. gen., *O. fuscitarsis* n. sp. India. **Cameron**, P. l.c. **4**, 1904, (313).

Oneilella n. gen. = *Cryptus formus* Brullé. **Cameron**, P. l.c. (190-191).

Ophion nn. spp. Colorado and New York. **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., No. **76**, 1901, (121-122, with pl.).

Ophiononcura n. gen., *O. flavomaculata* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1901, (171).

Pagarenes n. gen., *P. erythropus* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, **3**, 1903, (183-184).

Perclissus kara-kurti n. sp. **Rossikov**, K. N. Trd. B. entom. Učen. Kom. M. Zeml., St. Petersburg, **5**, No. 2, 1901, (1-232, mit 29 Fig.).

Pezomachus nn. spp. **Rossikov**, K. N. l.c. (1-232, mit 29 Fig., 1 Taf. u. 1 Karte).

Phogenes nn. spp. **Berthoumieu**, abbé V. Echange, Lyon, **20**, 1904, (13-15).

Phygadeuon nn. spp. Assam. **Cameron**, P. London, Trans. Ent. Soc., **1904**, (119-121).

Pimpla nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1901, (145-149); *P. kara-kurti* n. sp. **Rossikov**, K. N. Trd. B. entom. Učen. Kom. M. Zeml., St. Petersburg, **5**, No. 2, 1901, (1-232, mit 29 Fig., 4 Taf. u. 1 Karte).

Pisonopsis anomala n. sp. Patagonia. **Mantero**, G. Firenze, Boll. Soc. entom., **33**, (1901), trimestre 3-1, 1902, (197-203).

Platylabus nn. spp. **Berthoumieu**, abbé V. Echange, Lyon, **20**, 1904, (13-15).

Plesiocryptus n. gen., *P. carinifrons* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, **3**, 1903, (299-300).

Pristomerus schreineri n. sp. Russia. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1901, (101).

Shalisha n. gen., *S. fulvipes* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, **4**, 1901, (221-222).

Spilojoppa n. gen., *S. fulvipes* n. sp. Darjiling. **Cameron**, P. Entomologist, London, **1904**, (208-209).

Spilopimpla n. gen., *S. rufithorax* n. sp. S. Africa. **Cameron**, P. Zs. Hymenopter., Tschendorf, **4**, 1901, (113-114).

Stigmus patagonicus n. sp. Santa Cruz. **Mantero**, G. Firenze, Boll. Soc. entom., **33**, (1901), trimestre 3-4, 1902, (197-203).

Suralta n. gen., *S. laevifrons*, *S. rugifrons* nn. spp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, **3**, 1903, (301-302); *S.* nn. spp. Khasia Hills. **Cameron**, P. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1901, (220-221).

Tanyjoppa n. gen., *T. sanguineoplagiata* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, **4**, 1901, (217-218).

Temelucha plutellae n. sp. Russia. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1901, (101-102).

Thascia n. gen., *T. pilosa* n. sp. India. **Cameron**, P. Zs. Hymenopter., Tschendorf, **4**, 1901, (339).

Thymaris slingerlandana, N. York, from *Polychrosis*. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1901, (333).

Trichomma nn. spp. **Krieger**, R. Zs. Hymenopter., Tschendorf, **4**, 1901, (162-172).

Trichopimpla n. gen., *T. pilosa* n. sp. India. **Cameron**, P. l.c. **3**, 1903, (303-304).

Triptognathus n. gen. for *T. uniguttatus*, Gravenhorst. **Berthoumieu**, V. In: Wytman's Genera Insectorum, fasc. **18**, 1901, (19).

Tropistes rufipes Kriechb. und die systematische Stellung der Gattung *Tropistes* Grav. **Roman, A.** Zs. Hymenopter., Teschendorf, **4**, 1901, (214-217).

Umlina flexilis n. sp. Assam. **Cameron, P.** London, Trans. Ent. Soc., **1904**, (107).

BRACONIDAE.

GENERAL.

Szépligeti, G. Hymenoptera, fam. Braconidae (Première partie). In: Wytsman, Genera Insectorum, fasc. **22^a** and **22^b**, 1904, (1-253, with 3 pls.).

SPECIAL.

Acanthobracon nigromaculata n. sp. Cape Colony. **Cameron, P.** Graham's Town, Cape Colony, Rec. Alban. Mus., **1**, 1901, (155).

Agathis caudata n. sp. ♀ Süd-Amerika. **Szépligeti, G.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1901, (195-196); *A. rufoplagiata* n. sp. India. **Cameron, P.** Zs. Hymenopter., Teschendorf, **4**, 1904, (5).

Apanteles nn. spp. **Cameron, P.** Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (173).

Atanycolus signatus n. sp. **Szépligeti, G.** Math.-natw. Ber. Ungarn, Leipzig, **19**, (1901), 1904, (145-203).

Baryproctus hungaricus n. sp. **Szépligeti, G.** l.c. (145-203).

Binarea spinicollis, Brullé, Beschreibung. **Szépligeti, G.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (189-190).

Bracon nn. spp. **Szépligeti, G.** Math.-Natw. Ber. Ungarn, Leipzig, **19**, (1901), 1904, (145-203); *B. Fabr.*, synoptische Übersicht der von mir bekannten Arten; nn. spp. Süd-Amerika. **Szépligeti, G.** Ann. Hist.-

Nat. Mus. Nat. Hung., Budapest, **2**, 1901, (182-187); *B. dalla-torrei* n. nom (= *thomsoni* D. T.). **Szépligeti, G.** Math.-Natw. Ber. Ungarn, Leipzig, **19**, (1901), 1904, (145-203); *B. marschalli* n. nom (= *obscurator* Marsh.). **Szépligeti, G.** l.c. (145-203); *B. marshalli* n. sp. **Vayssière, A.** Paris, Bul. soc. ent., **1902**, (279-280); *B. marshalli* n. sp. Marseille. **Vayssière et Gerber.** Paris, C.-R. ass. franç. avanc. sci., **31**, (Montauban, 1902), 2^e partie, 1903, (641-645); *B. tschitscherini* n. sp. Transcaspian. **Kokujev, N.** Rev. Russ. Ent., Jaroslavl', **4**, 1901, (213).

Braunsia, Revision der Gattung; nn. spp. **Enderlein, G.** Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (129-452).

Brulleia n. gen., *B. melanocephala* n. sp. Nova Guinea. **Szépligeti, G.** In: Wytsman, Genera Insectorum, fasc. **22**, 1904, (150).

Cardiophiles eremita n. sp. Transcaspian. **Kokujev, N.** Rev. Russ. Ent., Jaroslavl', **4**, 1901, (215).

Celastiella n. gen., *C. testaceipes* n. sp. India. **Cameron, P.** Zs. Hymenopter., Teschendorf, **3**, 1903, (313-344).

Cenocoelius peruanus n. sp. ♂. Süd-Amerika. **Szépligeti, G.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1901, (196).

Cervellus n. nom. to replace *Cervulus*. **Szépligeti, G.** In: Wytsman, Gen. Insectorum, fasc. **23**, 1904, (253).

Cervulus n. gen., *C. denticornis* n. sp. Peru. **Szépligeti, V.** l.c. fasc. **22**, 1901, (20).

Chelonus robertianus n. sp. Cape Colony. **Cameron, P.** Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1901, (110); *C. sobrinus* n. sp. ♂. Süd-Amerika. **Szépligeti, G.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1901, (194-195).

Clytomastax n. gen., *C. macrocentroides* n. sp. Peru. **Szépligeti, G.** In: Wytsman, Genera Insectorum, fasc. **22**, 1904, (81).

Ephedrus persicae n. sp., a "parasite" of *Aphis persicae-niger*. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (614, fig. 6).

Euagathis perucensis Széplig. ♀, Beschreibung; *E. pulcher* ♀ n. sp. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (195).

Euripio n. gen., *E. rufa* n. sp. Sierra Leone. **Szépligeti**, V. In: Wytsman, Genera Insectorum, fasc. **22**, 1904, (11-15).

Ezothecus nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1901, (166-167); *E. tibialis* n. sp. Cape Colony. **Cameron**, P. l.c. (156).

Foenomorpha n. gen., *F. bicolor* n. sp. Peru. **Szépligeti**, G. In: Wytsman, Genera Insectorum, fasc. **22**, 1904, (8-9).

Habrobracon nn. spp. **Szépligeti**, G. Math.-natw. Bern. Ungarn, Leipzig, **19**, (1901), 1904, (115-203).

Idioleris v. *Phaenocarpa*.

Iphiaulax nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (164-165); *I.* nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (149-155); *I. ferus* Széplig., *I. varicolor* Széplig., *I. curticaudis* Széplig., *I. conformis* Széplig., faunistisch; nn. spp. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (172-182); *I. traegardhi* n. sp. Sudan. **Szépligeti**, G. & **Morice**, F. D. In: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, 1904, Pt. 1, (10-11).

Ischiogonus philippinensis n. sp. Manila. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1901, (285).

Lisitheria n. gen. *Agathidinae*, *L. nigricornis* n. sp. India. **Cameron**, P. Entomologist, London, **1904**, (306).

Macrostromion peruvianum n. sp. ♀. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (193-191).

Megacentrus n. gen., *M. concolor* n. sp. Kilima Ndjaro. **Szépligeti**, G. In: Wytsman, Genera Insectorum, fasc. **22**, 1904, (115-116).

Megalommum flavomaculatum n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (157).

Megaproctus Brull., synoptische Übersicht der Arten; nn. spp. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (190-193).

Megarhogas n. gen., *M. longipes*, *M. minor* nn. spp. Celebes. **Szépligeti**, G. In: Wytsman, Genera Insectorum, fasc. **22**, 1904, (83-81).

Mesoagathis n. gen., *M. fuscipennis* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (172).

Melvorus enmenidis n. sp. Argentina. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (53-55).

Microcentrus n. gen. for *M. similis*. **Szépligeti**, V. In: Wytsman, Genera Insectorum, fasc. **22**, 1904, (155).

Microdus bipustulatus n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (158).

Monarea n. gen. for *M. fasciipennis*. **Szépligeti**, G. In: Wytsman, Genera Insectorum, fasc. **22**, 1904, (68-69); *M. tripartita* Brüll. ♀ ♂, Beschreibung. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (189).

Neorhyssa nn. spp. Süd-Amerika. **Szépligeti**, G. l.c. (187-188).

Opius pedestris n. sp. ♀ ♂. Süd-Amerika. **Szépligeti**, G. l.c. (196-197).

Phaenocarpa (*Idioleris*) *coxalis* n. sp. ♀. Süd-Amerika. **Szépligeti**, G. l.c. (197).

Pseudobracon n. gen., *P. africanus* n. sp. Sierra Leone. **Szépligeti**, G. In: Wytsman, Genera Insectorum, fasc. **22**, 1904, (18-19).

Pseudoripio nn. spp. **Szépligeti**, G. Math.-natw. Ber. Ungarn, Leipzig, **19**, (1901), 1904, (115-203).

Rhogas nn. spp. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus., Nat. Hung., Budapest, **2**, 1904, (194).

Schletteriella n. gen. for *S. oncophorus*. **Szépligeti**, G. In: Wytsman, Genera Insectorum, fasc. **22**, 1904, (51).

Schönlandella n. gen., *S. nigricollis*, *S. nigromaculata*, *S. trimaculata* n. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (169).

Sigalphus n. spp., *S. ivanovi* n. nom. (= *brevicornis* Ivan). **Szépligeti**, G. Math.-natw. Ber. Ungarn, Leipzig, **19**, (1901), 1901, (145-203).

Systasis encyrtoides, contributo alla biologia. **Ghigi**, A. Firenze, Boll. Soc. entom., **33**, (1901), (trimestre 3-4), 1902, (192-196, con 3 fig.).

Trichiobracon n. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1901, (169).

Vipio n. spp. Siberia. **Kokujev**, N. Rev. Russ. Ent., Jaroslavl', **4**, 1904, (213-214).

Westwoodiella n. gen., *W. bicolor* n. sp. Australia. **Szépligeti**, G. In: Wytsman, Genera Insectorum, fasc. **22**, 1904, (155).

Xanthomicrodus n. gen., *X. iridipennis* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (157).

EVANIIDAE.

Aulacinus costulatus n. sp. Brasilien. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (561-562).

Aulacus erythrogaster n. sp. Nevada. **Kieffer**, J. J. Lc. (561).

Evania n. spp. **Kieffer**, J. J. Lc. (543-551).

Gasteruption n. spp. **Kieffer**, J. J. Lc. (552-559); *G. dunbrodyense* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1901, (159).

Hyptia n. spp. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (510-513).

Hyptiogaster n. gen. **Kieffer**, J. J. Paris, Bul. soc. ent., **1903**, (93-95).

Pristaulacus n. spp. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (559-561); *P. flavoguttatus* n. sp. Australia. **Cameron**, P. Zs. Hymenopter., Tescchen-dorf, **4**, 1904, (191-192).

CYNIPIDAE.

GENERAL.

Ashmead, W. H. [Review of] Monographie des Cynipides d'Europe et d'Algérie. Par l'Abbé J. J. Kieffer. Tome Premier. Psyche, Cambridge, Mass., **10**, 1903, (43-46).

Classification of the gall-wasps and the parasitic Cynipoids or the superfamily Cynipoidea. 1. Lc. (7-13, 59-73, 140-155, 210-216).

Gerber. Sur une hyménoptéroécidie. Paris, Bul. soc. ent., **1903**, (56).

SPECIAL.

Anacharoides n. gen., *A. striaticeps* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (160).

Botrochacis n. gen., *B. erythropoda* n. sp. Cape Colony. **Cameron**, P. Lc. (163-164).

Cynips thecophrastea n. sp. **Trotter**, A. Roma, Rend. Acc. Lincei, Classe di sc. fisiche, (Ser. 5), **11**, (1^o semestre), 1902, (254-257).

Dieucoela n. gen., type *D. subopaca*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (65).

Fiorella n. nom. = *Fioria* Brol. **Kieffer**, J. J. Paris, Bul. soc. ent., **1903**, (95).

Fioria n. gen. **Kieffer**, J. J. Lc. (31).

Hypodiranchis aphidae n. sp. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (612, fig. 7).

Kiefferia n. gen., type *K. rugosa*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (10).

Kiefferiella n. nom. (= *Kiefferia* Ashmead). **Ashmead**, W. H. Philadelphia, Pa., Ent. News Acad. Nat. Sci., **14**, 1903, (159).

Liebelia n. gen. **Kieffer**, J. J. Paris, Bul. soc. ent., **1903**, (31).

Oberthürrella tibialis n. sp. Kamerun. **Kieffer**, J. J. Entomol. Tidskr., Stockholm, **25**, 1901, (107-110).

Odontecoila n. gen., type *O. chapadae*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (61).

Paraulax n. gen., *P. perplexus* n. sp. Kieffer, J. J. Rev. chilena, Valparaiso, 8, 1901, (13-41).

Proniomocra n. gen., type *P. filicornis*. Ashmead, W. H. Psyche, Cambridge, Mass., 10, 1903, (63).

Pseudaulax n. gen., type *Cynips hieracii* Löw. Ashmead, W. H. l.c. (213).

Pseudococila n. gen. = *Eucocila* Auctore, type *Cothonaspis, trichopsila* Hartig. Ashmead, W. H. l.c. (66).

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Trissodontaspis n. gen., type *T. rufipes*. Ashmead, W. H. l.c. (65).

Tropidencocla n. gen., type *T. rufipes*. Ashmead, W. H. l.c. (61).

Zacucocla n. gen., type *Z. unicarinata*. Ashmead, W. H. l.c. (66).

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Niphydria nn. spp. Mocsáry, A. l.c. (197).

ORYSSIDAE.

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GENERAL.

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Amatironematus nn. spp. Konow, F. W. Zs. Hymenopter., Tschendorf, 4, 1901, (260-261); *A. isolatus* n. sp. Alaska. Kincaid, T. Alaska (Harriman Expedition), New York, 9, 1904, (79-105).

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Athalia leucostoma n. sp. India. Cameron, P. l.c. (108).

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Clarellaria nn. spp. Mocsáry, A. Zs. Hymenopter., Tschendorf, 4, 1904, (350-352).

Distega n. gen., *D. sjöstedti* n. sp. **Konow**, F. W. *l.c.* (241-255).

Dolerus elderi n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79-105).

Emphytus angustus n. sp. Alaska. **Kincaid**, T. *l.c.* (19-105); *E. gillettei*, description. **Johnson**, S. A. Agric. Exp. Sta., Colorado, Fort Collins, Rep., **1902**, (113-114, with 1 pl.); [review] Washington, D.C., U. S. Dept. Agric. Off. Exp. Sta. Rec., **14**, 1903, (1092-1093).

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Ewura insularis n. sp. Alaska. **Kincaid**, T. *l.c.* (79-105).

Fenusa aluskana n. sp. Alaska. **Kincaid**, T. *l.c.* (79-105).

Labidarge nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (233-236).

Lagium n. gen. = *Tenthredo atroviolaceum* Noet. **Konow**, F. W. *l.c.* (246).

Lyda hypotrophica Htg., Beobachtungen. **Baer**, W. Tharander forstl. Jahrb., **53**, 1903, (171-208, mit 4 Taf.).

Lygaeonematus, Revision der Gattung, nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (193-208, 248-259).

Macrophya nn. spp. **Konow**, F. W. *l.c.* (266-267).

Megalodontes nn. spp. **Konow**, F. W. *l.c.* (226-229).

Monophadnus insularis n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79-105).

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Paraselandria rufigastra n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79-105).

Periclista mutabilis n. sp. Texas. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (241).

Pontania nn. spp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79-105); *P.* nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (230).

Poppia n. gen., (~ *Phyllotoma*), *P. athalioides* n. sp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (263).

Prstiphora nn. spp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79-105).

Pteronius nn. spp. Alaska. **Kincaid**, T. *l.c.* (79-105); *P.* nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (262).

Ptiliu lawa n. sp. Costa Rica. **Konow**, F. W. *l.c.* (239).

Rhadnoceraca micans Klug; a new British saw-fly. **Morice**, F. D. Ent. Mag., London, **40**, 1904, (99).

Schizocera cylindricornis Thoms. in Finland. **Krogerus**, R. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (29-30).

Strongylogaster macula Kl. neu für die finnische Fauna. **Forsius**, R. *l.c.* (63).

Tenthredo nn. spp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79-105).

Tenthredopsis nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (266-267).

Tomostethus kirbyi n. sp. Mexico. **Konow**, F. W. *l.c.* (211).

Trichiosoma betuleti Kl. neu für die finnische Fauna. **Forsius**, R. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (63).

Waldheimia nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (243-244).

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 ——— *nigromaculata*. Cameron.
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 ——— *labiata*. Friese. 142.
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- Trigonogastra** n. gen. [Chalcididae].
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- TRIGONURA** [Chalcididae].
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- Triptognathus** n. gen. [Ichneumonidae].
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- Trismicra** n. gen. [Chalcididae].
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- Uroentedon n. gen. [Chalcididae].
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- Zagrammosoma n. nom. [Chalcididae].
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- Zamischus n. gen. [Cynipidae].
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- Zaommomyia n. gen. [Chalcididae].
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Allokotarsa n. gen., *A. clypeata*. Damaraland, Ovampoland; *A. rotundicollis*. Cape, Damaraland, Southern Rhodesia. nn. spp. **Péringuey, L. l.e.** (36-37, pl. IV, figs. 4, 15, 15a).

Alogistotarsa n. gen., *A. ovampoana*, Ovampoland; *O. straminea*, Orange River Colony. nn. spp. **Péringuey, L. l.e.** (39-40).

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Bolboceras nn. spp. Australia. *B. angulicorne* MacL., *B. albertisi* Har., *B. cavicollis* MacL., *B. sloanei* Blackb., *B. reichei* Guér., *B. cornutum* MacL., *B. hippopus* MacL., *B. rhinoceros* MacL., *B. cornigerum* MacL., *B. tatei* Blackb., *B. trituberculatum* Rainb., *B. fissicorne* Rainb., *B. recticorne* Guér., *B. gynaehense* MacL., *B. rotundatum* Hope, *B. rubescens* Hope, *B. globuliforme* MacL. **Blackburn, T.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1901, (193-525).

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Cyclophorus marginicollis n. sp. Afrika. **Moser, J.** Berliner ent. Zs., **49**, 1901, (59-70).

Cyphochilus nn. spp. Chine. **Fairmaire, L.** Paris, Bul. soc. ent., **1902**, (316-318).

Dasyrctus n. gen., *D. infuscatus*, *D. ullei*, *D. rollei*, *D. monachus*, *D. dohrni*, *D. eucharis* nn. spp. Malay Archipelago. **Kolbe, H. J.** Stettiner ent. Ztg, **65**, 1901, (31-42).

Diaphoroserica n. gen., *D. mashona* n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (26, pl. IV, fig. 3).

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Doleroserica n. gen. for *Serica curtula* Fahreus, *D. auspicata*, *D. festa*, Transvaal, *D. gentilis*, Natal, *D. lactula*, Mozambique. nn. spp. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1901, (53-55).

Dolerotarsa n. gen., *D. emendatrix* n. sp. Transvaal. **Péringuey**, L. l.c. (38).

Empecta latipennis n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (226).

Emphania subcostata n. sp. Madagascar. **Fairmaire**, L. l.c. (226).

Entyposis Kolbe, description; *E. mendax* n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (259).

Epichaleaplethis n. gen. for *Pelidnota relutipes*. **Bates**, F. London, Trans. Ent. Soc., **1904**, (253, 272).

Etiserica n. gen. for *E. simplex* n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (23).

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Euronycha n. gen. for *Triodonta sericans* Fahreus and *E. modesta* Pér.; *E. rhodesiana*, *E. sebakwana* nn. spp. Southern Rhodesia. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (30, Pl. V, figs. 1, 1A).

Gamka n. gen. for *G. minuta* n. sp. Cape Colony. **Péringuey**, L. l.c. (159-160).

Glyptoglossa nn. spp. Cape Colony. **Péringuey**, L. l.c. (188, pl. IV).

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Holisonycha n. gen. for *H. mellila* n. sp. Cape Colony. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (260).

Hoplitovalgus n. gen., *H. fallaciosus* n. sp. Malay Archipelago. **Kolbe**, H. J. Stettiner ent. Ztg, **65**, 1904, (49).

Hoplopelidnota n. gen., *H. candezei* n. sp. Cayenne. **Bates**, F. London, Trans. Ent. Soc., **1904**, (274).

Hybosericia n. gen. for *H. caffra* Fahreus. *H. globuliformis* Brenske. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (27).

Hybosalgus n. gen., *H. bioculatus* n. sp. Malay Archipelago. **Kolbe**, H. J. Stettiner ent. Ztg, **6**, 1901, (55-56).

Hypopholis Burmeister, description. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1901, (1-293, with 4 pls.).

Idaecamenta n. gen. for *I. jucunda* n. sp. Natal, Transvaal, Southern Rhodesia. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (112).

Idaeserica n. gen., *I. gratula* n. sp. Southern Rhodesia. Péringuey, L. l.e. (32-33).

Idiostoma n. gen. and n. sub-fam., *I. rufum*, *I. medon* nn. spp. Arrow, G. J. London, Trans. Ent. Soc., 1904, (710, 711, pl. XXXVI, fig. 1).

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Liparetrus tuberculatus Lea, note of correction. Lea, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1904, (89).

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Macrophylla Hope, description and nn. spp. Péringuey, L. Cape Town, Trans. S. Afric. Phil. Soc., 13, 1904, (127-129).

Mecopelidnota n. gen., *M. arrowi* n. sp. Ecuador. Bates, F. London, Trans. Ent. Soc., 1904, (271).

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Microcamenta Brenske, description and nn. spp. Péringuey, L. l.e. (86-87).

Microrutela n. gen. for *Chalcantis coerulea* and *linda*. Bates, F. London, Trans. Ent. Soc., 1904, (250).

Milichus rhodesianus n. sp. Southern Rhodesia. Péringuey, L. Cape Town, Ann. S. Agric. Mus., 3, 1904, (222).

Mimela rufoprasina n. sp. Kamerun. Ohaus, F. Stockholm, Vet.-Ak. Öfvers., 59, 1902, (317-319).

Mycernus n. gen. near *Psilodontia*. *M. elegans* n. sp. New Zealand. Broun, T. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (52).

Mycteropus n. gen., *M. proboscideus* n. sp. Fairmaire, L. Paris, Bul. soc. ent., 1903, (150).

Myctoplerus n. nom. = *Mycteroplus* Fairm. antea. Fairmaire, L. l.e. (202).

Nannoralgus n. gen., *N. pusio* n. sp. Malay Archipelago. Kolbe, H. J. Stettiner ent. Ztg., 65, 1904, (26-27).

Nedymoserica Brenske, description. Péringuey, L. Cape Town, Trans. S. Afric. Phil. Soc., 13, 1904, (20).

Ncoserica transvaalensis n. sp., Transvaal; *N. obesa*, *N. natalensis* figured. Péringuey, L. l.e. (22-23, pl. IV, figs. 23, 25).

Ochodaenus nn. spp. Arrow, G. J. London, Trans. Ent. Soc., 1904, (743-745).

Oligolepis nn. spp. Kamerun. Brenske, E. Entomol. Tidskr., Stockholm, 24, 1903, (95-98).

Onochaeta Erichson, description. Péringuey, L. Cape Town, Trans. S. Afric. Phil. Soc., 13, 1904, (120).

Onthophagus nn. spp. Australia. Blackburn, T. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (147-148); *O.* nn. spp. Afrique. Orbigny, H. d'. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (204-222); *O.* nn. spp. Southern Rhodesia. Péringuey, L. Cape Town, Ann. S. Afric. Mus., 3, 1904, (219-222).

Oocamenta n. gen., for *Camenta rufiventris* Burmeister, and *O. transvaalia* n. sp. **Péringuey**, L. Cape Town, Trans. S. Afr. Phil. Soc., **13**, 1904, (105-107).

Oreovalgus n. gen., *O. montuosicollis* n. sp. Malay Archipelago. **Kolbe**, H. J. Stettiner ent. Ztg., **65**, 1904, (18-19).

Oxythyrea albomaculata n. sp. Afrika. **Moser**, J. Berliner ent. Zs., **49**, 1904, (65).

Pachnoda sauberlichii n. sp. Afrika. **Hauser**, G. D. Ent. Zs., Berlin, **1904**, (36); *P. testaceipennis* n. sp. Afrika. **Moser**, J. Berliner ent. Zs., **49**, 1904, (61).

Pachychilecamenta n. gen., *P. rufa* n. sp. Kamerun. **Brenske**, E. Entomol. Tidskr., Stockholm, **24**, 1903, (90-91).

Paedioralgus n. gen., *P. micros* n. sp. Malay Archipelago. **Kolbe**, H. J. Stettiner ent. Ztg., **65**, 1904, (14-17).

Panelus arthuri Blackb., note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (89).

Paracamenta n. gen., *P. calva*, Transvaal; *P. conspicua*, Transvaal; *P. lydenburgiana*, Transvaal; *P. suturalis*, Natal. nn. spp. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (108-112).

Parapoeilophila n. gen., *P. kraatzi* n. sp. Afrika. **Hauser**, G. D. ent. Zs., Berlin, **1904**, (37).

Paraschizognathus n. gen., *P. prasini-collis*, *P. olivaceus* nn. spp. **Ohaus**, F. Stettiner ent. Ztg., **65**, 1901, (125-132).

Pasaphylla n. gen., *P. libens* n. sp. Cape Colony. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (135-136).

Pegylidius n. gen., *P. mashunus* n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1901, (279).

Pegylis Erichson, description. **Péringuey**, L. l.e. (193).

Pelidnota nn. spp. **Bates**, F. London, Trans. Ent. Soc., **1904**, (260-269).

Pentodon, note sur le genre; *P. reit-teri* n. nom. **Jakovlev**, V. E. St. Petersburg, Ann. Mus. zool. Ac. Sc., **9**, 1-2, 3, 1904, (XV-XVII).

Pericamenta n. gen., *P. paupereula* n. sp. Cape Colony. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (105).

Periclitopa, Brenske, description. nn. spp. Cape Colony. **Péringuey**, L. l.e. (142-144).

Pericoptus frontalis n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (55).

Philacelota n. gen., *P. submaculata*, *P. sulana* nn. spp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-46).

Phileurus hozanus n. sp. Madagascar. **Fairmaire**, L. Paris, Bul. soc. ent., **1903**, (67-70).

Philoserica Brenske, description. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (28).

Phoeochrous emarginatus Cast. **Blackburn**, T. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (145-181).

Pholidochris nn. spp. Kamerun. **Brenske**, E. Entomol. Tidskr., Stockholm, **24**, 1903, (92-95).

Phygeochus sulcipennis n. sp., *P. grani-ceps* Brown, recorded as Tasmanian. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (89).

Phytoloema herrmanni, injurious habits, larvae. **Rivera**, J. M. Rev. chilena, Valparaiso, **8**, 1904, (250-251, pl. VIII).

Pleiophylla n. gen., *P. vestita* n. sp. Cape Colony. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (130-131).

Pleistophylla n. gen., *P. singularis* n. sp. Transvaal. **Péringuey**, L. l.e. (156).

Pleophylla tongaatsana n. sp. Natal. **Péringuey**, L. l.e. (9, pl. 1, fig. 18).

Plocovalgus n. gen., *P. waterstradti* n. sp. Malay Archipelago. **Kolbe**, H. J. Stettiner ent. Ztg., **65**, 1904, (45).

Plusiotis eupleomarginata n. sp. Costa Rica. **Bates**, F. London, Trans. Ent. Soc., **1904**, (272).

Pocciphila tessellata n. sp. Afrika. Moser, J. Berliner ent. Zs., **49**, 1901, (69).

Polyphylla fullo L. Zirpen. Krancher, O. Ent. Jahrb., Leipzig, **13**, 1901, (41).

Popillia rubromaculata n. sp. Kamerun. Ohaus, F. Stockholm, Vet.-Ak. Öfvers., **59**, 1902, (350-352, with pl.).

Prolontria n. gen., *P. lewisii* n. sp. New Zealand. Broun, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (54).

Psammodius nn. spp. Australia. Blackburn, T. Melbourne, Proc. R. Soc. Vict. (N. Ser.), **17**, 1904, (174).

Pseudachloa n. gen., *P. leonina* n. sp. Orange River Colony; Transvaal. Péringuey, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (162).

Pseudinea moseri n. sp. Afrika. Hauser, G. D. ent. Zs., Berlin, **1904**, (38).

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Pseudotrochalus nn. spp. Kamerun. Brenske, E. Entomol. Tidskr., Stockholm, **24**, 1903, (85-88).

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Saulostomus nn. spp. Ohaus, F. Stettiner ent. Ztg., **65**, 1904, (156-157).

Schizognathus nn. spp. Ohaus, F. l.e. (138-112).

Schizonychia nn. spp. Cape Colony. Péringuey, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (201-250, pl. 1).

Sebakue n. gen., *S. coriacea* n. sp. Southern Rhodesia. Péringuey, L. l.e. (262).

Sebaris Castelnau, description. Péringuey, L. l.e. (181, pl. IV, figs. 32-44).

Sparrmannia Castelnau, description. nn. spp. Cape Colony. Péringuey, L. l.e. (172-186).

Spathoschyza Arrow, description. Péringuey, L. l.e. (1-293, with 4 pls.).

Sphinctovalgus n. gen., *S. conradti* n. sp. Malay Archipelago. Kolbe, H. J. Stettiner ent. Ztg., **65**, 1904, (51-53).

Spilovalgus n. gen. Kolbe, H. J. l.e. (32).

Stenosericia Brenske, description, *S. delagoana*. Mozambique. *S. zambesicola*. Southern Rhodesia. nn. spp. Péringuey, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (25, 4 pls.).

Stenemnychia n. gen., *S. collusor* n. sp. Southern Rhodesia. Péringuey, L. l.e. (262).

Syngeneschira Brenske, description, *S. omvramba* n. sp. Ovampoland. Péringuey, L. l.e. (262).

Syngonovalgus n. gen., *S. subnitidus* n. sp. Malay Archipelago. Kolbe, H. J. Stettiner ent. Ztg., **65**, 1904, (28-29).

Syntaxipholis n. gen., type *Pseudopholis kuitlensis* Brsk. Brenske, E. Entomol. Tidskr., Stockholm, **24**, 1903, (98).

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Thlocera n. gen., *T. saga* n. sp. Cape Colony. Péringuey, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (133).

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Trichiopera Burmeister, description. Péringuey, L. l.c. (156).

Trichorhagus n. subgen. (*Dasyrhagus*). Kolbe, H. J. Stettiner ent. Ztg., **65**, 1904, (44).

Trochilus nn. spp. Transvaal, Southern Rhodesia. Péringuey, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (41-51); *T. camerunensis* n. sp. Kamerun. Brenske, E. Entomol. Tidskr., Stockholm, **24**, 1903, (84-85).

Tubaghia n. gen., *T. cereris*, *T. lightfooti* nn. spp. Cape Colony. Péringuey, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (88-90).

Valgus keysseri n. sp. New Guinea. Hauser, G. D. Ent. Zs., Berlin, **1904**, (40).

Xenopelidnota n. gen. for *Plusiotis anomala*. Bates, F. London, Trans. Ent. Soc., **1904**, (273).

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——— Zur Kenntnis der Cicindeliden-Fauna von Kamerun und seiner Hinterländer. D. ent. Zs., Berlin, **1904**, (429-431).

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(423-427); *C.* nn. spp. Australia. Sloane, T. G. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (527-528); *C. arnoldi* n. sp. Horn, W. D. ent. Zs., Berlin, **1904**, (429-431); *C. innocentior* n. sp. Horn, W. l.c. (427-428); *C. jungi*, notes. Rainbow, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (245, fig. 35); *C. malabarica* n. sp. Fleutiaux, E. et Maindron, M. Paris, Bul. soc. ent., **1903**, (72).

Distysidera orbicollis n. sp. Australia. Sloane, T. G. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (529).

Dromica (*Cosmema*) nn. spp. Transvaal. Péringuey, L. Nov. Zool., Tring, **11**, 1904, (448); *D. (Myrmecoptera) erlangeri* n. subsp. Egypt. Horn, W. D. ent. Zs., Berlin, **1904**, (423-427).

Megacephala erli n. sp. Horn, W. D. ent. Zs., Berlin, **1904**, (432); *M. oscar* n. sp. Egypt. Horn, W. l.c. (423); *M. schultzeorum* n. sp. Horn, W. l.c. (430).

Megalomma allnandi n. sp. Madagascar. Fleutiaux, E. Paris, Bul. soc. ent., **1903**, (172-173); *M. biguttulum* n. sp. Madagascar. Fairmaire, L. l.c. (67-70).

Odontochila baeri n. sp. Fleutiaux, E. l.c. (109).

Ophryodera rufomarginata var. *circumcinctoides* n. var. Horn, W. D. ent. Zs., Berlin, **1904**, (431).

Pogonostoma nn. spp. Fleutiaux, E. Paris, Bul. soc. ent., **1902**, (301-302); *P. septentrionale* n. sp. Madagascar. Fleutiaux, E. l.c. **1903**, (172-173); *P. subtilis* n. sp. Horn, W. D. ent. Zs., Berlin, **1904**, (81).

Tetracha (*Styphloderma*) *dodsi* n. sp. Southern Rhodesia. Perringuey, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (167).

Therates sumatrensis Putz, note. Bouchard, J. Paris, Bul. soc. ent., **1903**, (169-170).

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Abacetus nn. spp. Southern Rhodesia. **Péringuey, L.** Cape Town, Ann. S. Afric. Mus., **3**, 1904, (189-200).

Amara nn. spp. **Apfelbeck, V.** Die Käferfauna der Balkanhalbinsel, Berlin, Bd. **1**, 1904, (300-305).

Anophthalmus fabiani (Gestro). nota. **Viré, A. e Alzona, C.** Boll. Naturalista, Siena, **22**, 1902, (74-75); *A. raymondi* var., *A. gounellei* var. *cerdonicus* n. var. France. **Abeille de Perrin, E.** Paris, Bul. soc. ent., **1903**, (208-210).

Aptinus ponticus n. sp. **Apfelbeck, V.** Die Käferfauna der Balkanhalbinsel, Berlin, Bd. **1**, 1904, (355).

Archoteflus v. *Tefflus*.

Badister gladiator n. sp. **Apfelbeck, V.** Die Käferfauna der Balkanhalbinsel, Berlin, Bd. **1**, 1901, (164).

Bembidion serdicicum n. sp. **Apfelbeck, V.** *l.c.* (92).

Brachinus nn. spp. Southern Rhodesia and Natal. **Péringuey, L.** Cape Town, Ann. S. Afric. Mus., **3**, 1901, (171-172).

Brachynus nn. spp. **Apfelbeck, V.** Die Käferfauna der Balkanhalbinsel, Berlin, Bd. **1**, 1904, (348-352).

Bradycellus ganglbaueri n. sp. **Apfelbeck, V.** *l.c.* (348).

Callida nn. spp. Natal. **Péringuey, L.** Cape Town, Ann. S. Afric. Mus., **3**, 1904, (173).

Callistomimus placens n. sp. Southern Rhodesia. **Péringuey, L.** *l.c.* (186).

Carabus, zwei interessante Sendungen von Oesterreich - Ungarn. **Born, P.** Insektenbörse, Leipzig, **21**, 1901, (92-93, 100-101); zur Kenntnis der Larven. **Weber, L.** Allg. Zs. Ent., Neudamm, **9**, 1904, (111-118); *C. auratus* L. und drei in der Umgegend von Coblenz gefundene Varietäten desselben. **Bocklet, C.** Ent. Zs., Guben, **18**, 1901, (38-39); *C. auratus*: le difference sexuelle secondaire quantitative. **Porta, A.** Firenze, Boll. Soc. entom., **34**, (1902), (trimestre 1-2^a), 1902, (61-103); *C. auratus*, **Uffeln, K.** Münster. Jahrbesr. Prov. Ver. Wiss., **32**, (1903-1901), 1904, (43-45); *C. auronitens* Fabr. und *punctato-auratus* Germ. **Born, P.** Insektenbörse, Leipzig, **21**, 1904, (35-36); *C. longicornis* n. sp. Mouy-Tsé. **Fairmaire, L.** Paris, Bul. soc. ent., **1902**, (266-269); *C. monilis* Fabr. und seine Formen. **Born, P.** Insektenbörse, Leipzig, **21**, 1904, (43-44, 51-52, 59-60, 67, 75-176); *C. schiedleri* Panz. var. *koshanini* n. var. *C. ulrichi* Germ. var. *pernix* n. var. Servia. **Csiki, E.** Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (591); **Rovart. L.**, Budapest, **11**, 1904, (117); *C. ulrichi* Germ. und *italicus* Dej. **Born, P.** Insektenbörse, Leipzig, **21**, 1904, (227).

Carpaunum n. gen., *C. inflaticeps*, *C. porosum* nn. spp. Queensland. **Sloane, T. G.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (536-538).

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Chlaenius nn. spp. Southern Rhodesia. **Péringuey, L.** Cape Town, Ann. S. Afric. Mus., **3**, 1901, (181-185).

Colpodes placidus n. sp. Celebes. **Heller, K.** Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-16).

Coptoptera indotata n. sp. Southern Rhodesia. **Péringuey, L.** Cape Town, Ann. S. Afric. Mus., **3**, 1904, (175).

Craspedophorus nn. spp. Southern Rhodesia. **Péringuey, L.** *l.c.* (187).

Cymindis nn. spp. **Apfelbeck, V.** Die Käferfauna der Balkanhalbinsel, Berlin, Bd. **1**, 1904, (343).

Discopterella n. subgen. for *Discoptera przeralskii*. **Semenov, A.** Rev. russ. ent., Jaroslavl', **4**, 5, 1904, (202).

Disphaericus rhodesianus n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (188).

Dromius cordicollis Vorbg. **Vorbringer**, G. D. ent. Zs., Berlin, **1904**, (45-46); *D. cribricollis* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (225); *D. longulae*, nova in fauna Rossiae. **Semenov**, A. P. (Russ.) Rev. russ. ent., Jaroslavl', **4**, 4, 1904, (167-169).

Elaphrus nn. spp. and synopsis *Elaphrorum palaearcticorum*. **Semenov**, A. P. l.e. No. 1, 1904, (19-22); *E. jakovlevi* Sem. *E. longicollis* J. Sahlb., *E. angusticollis* F. Sahlb. **Semenov**, A. P. l.e. 2-3, 1904, (102-105); *E. latipennis*, description. **Semenov**, A. St. Petersburg, Hor. Soc. Ent. Ross., **37**, 1904, (124-125); *E. longicollis* = (*jakovlevi* Sem.). **Poppius**, B. St. Petersburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, [1904], (364).

Galerita, coléoptères anomaux. **Gadeau de Kerville**, H. Paris, Bul. soc. ent., **1903**, (88-89, av. fig.).

Guzanus n. gen., *G. elegans* n. sp. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (204-205).

Graphipterus shebanus n. sp. Transvaal. **Péringuey**, L. l.e. (183).

Harpalus nn. spp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (185, 193-195, 288).

Heterotefflus v. Tefflus.

Hexagonia nn. spp. Southern Rhodesia. **Péringuey**, L. Cape Town Ann. S. Afric. Mus., **3**, 1904, (167-170).

Hystrihopus velox n. sp. Cape Colony. **Péringuey**, L. l.e. (174).

Klepsiplus angusticollis n. sp. Natal. **Péringuey**, L. l.e. (175).

Laemostenus complanatus, habitat. **Fauvel**, A. Paris, Bul. soc. ent., **1903**, (62-67).

Lebia nn. spp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (178-180); *L. indigacea* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (225).

Lebistina spectabilis n. sp. Transvaal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (181).

Lionycheus lactulus n. sp. Cape Colony. **Péringuey**, L. l.e. (176).

Lissotarsus bedeli Faust var. *biskrensis* Chob., notes. **Chobaut**, A. Paris, Bul. soc. ent., **1903**, (171).

Macrochilus nn. spp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (170-171); *M. nigrotibialis* n. sp. Celebes. **Heller**, K. M. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-46).

Masoreus australis n. sp. Australia. **Sloane**, T. G. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (535).

Mecodema nn. spp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (41-43).

Mesotefflus v. Tefflus.

Metallica mashunensis n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (180).

Metarymorphus robustus n. sp. Natal. **Péringuey**, L. l.e. (174).

Molops nn. spp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (221-223, 228-231).

Morio longipennis Putz., note. *M. australis* Casteln., note. *M. victorie* Casteln., note. *M. longicollis* MacL., note. *M. nova-hollandiae* Casteln. = *M. australasiae* Chaud. = *M. seticollis*, MacL. *M. pachysomus*, Chaud., note. *M. crassipes* n. sp. Australia. **Sloane**, T. G. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (531-533).

Nebria nn. spp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (53, 57, 59); *N. kineaidi* n. sp. Alaska. **Schwarz**, E. A. Alaska (Harriman Expedition), New York, **8**, 1904, (169-185).

Omma, nervation des ailes. **Peyerimhoff**, P. de. Paris, Bul. soc. ent., **1902**, (330-332, av. fig.).

Omphreus aetolicus n. sp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (272).

* *Paradinoides* n. subgen. = *Chlaenius viridis* Menetr. **Apfelbeck**, V. l.e. (155).

Patrobus assimilis Chaud. **Scholz**, R. Insektenbörse, Leipzig, **21**, 1904, (115).

Penetretus rufipennis Dej. var. *semipunctatus* n. var. Sudportugal. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1901, (81-82).

Pentagonia dispar n. sp. Natal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (191).

Perigona rufilabris Mael. var. *infuscata* n. var. Australia. **Sloane**, T. G. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (534).

Phloczetus nn. spp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1903, (177).

Platyderodes n. subgen. (*Platyderus*). **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1901, (281).

Platyderus nn. spp. **Apfelbeck**, V. l.c. (280-281).

Platynus nn. spp. **Apfelbeck**, V. l.c. (293); *P.* nn. spp. Natal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (201-207); *P. serbicus* n. sp. Servia. **Csiki**, E. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (593); **Rovart. L.**, Budapest, **11**, 1904, (148).

Platysma femoratum, note additionnelle sur l'habitat. **Carret**, A. Paris, Bul. soc. ent., **1903**, (187-188); *P. (Pseudocorymbus) aquilonium* n. sp. **Semenov**, A. St. Petersburg, Hor. Soc. ent. Ross., **37**, 1904, (125-126).

Pogonus liliputanus n. sp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (151).

Polyhirma commista n. sp. Damara-land. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (184).

Pterostichus nn. spp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (244-262).

Scarites, table of species, and synopsis of the genera of Scaritini. **Čičerin**, T. Rev. Russ. Ent., Jaroslavli, **4**, 1904, (257-265).

Stomis nn. spp. Transcaucasia. **Semenov**, A. l.c. (150-153).

Strictotellus v. *Tellus*.

Styphromerus plausibilis n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (173).

Tachys krüperi n. sp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (120).

Tellus (*Archotellus*, *Strictotellus*, *Heterotellus*, *Mesotellus*) nn. spp. Afrika. **Kolbe**, H. J. Berliner ent. Zs., **49**, 1904, (117-158).

Thyreopteris nn. spp. Cape Colony. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (182).

Tichonia n. nom. = *Caletor* Čič. **Semenov**, A. Rev. Russ. Ent., Jaroslavli, **4**, 1904, (201).

Trechus nn. spp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (129-139); *T.* nn. spp. Mongolei, Kaukasus, etc. **Reitter**, E. Wr. Entomol. Ztg, Wien, **22**, 1903, (1-7); *T. concinnus* n. sp. Caucasus. **Čičerin**, T. Rev. russ. ent., Jaroslavli, **4**, 1904, (147-149); *T. rarendorffii* n. sp. Corse. **Sainte-Claire Deville**, J. Paris, Bul. soc. ent., **1903**, (70-72).

Trichosternus hudsoni n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (41).

Xenitennus natalicus n. sp. Natal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (176).

Zabrus nn. spp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (312-318); *Z.* nn. spp. Spain and Portugal. **Uhagon**, S. de Madrid, Mem. Soc. esp. Hist. nat., **2**, 1904, (393-396, 424-427); *Z. gibbus*, Lebensweise. **Remer**, W. Breslau, Jahresber. Ges. vaterl. Cultur, **81**, (1903), 1904, zool. bot. Sect., (17-18); *Z. tenebrioides*, metamorfosi. **Porta**, A. Firenze, Boll. Soc. entom., **33**, (1904, (trimestre 3^a-4^a), 1902, (177-182).

Zelotiscus undalianus n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (185).

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Bidessus complicatus n. sp. White Nile. **Sharp**, D. Res. expéd. Egypt., Uppsala, Pt. 1, 1904, (4).

Brychius rossicus Sem. in Kiwinebb (Finnland). **Poppius**, B. (Schwedisch) Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (27-28).

Clypeodytes lentus n. sp. White Nile. **Sharp**, D. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (1).

Copelatus subdeficiens n. sp. Cameroun. **Régimbart**, M. Entomol. Tidskr., Stockholm, **23**, 1902, (295-296).

Halipylus transvolgensis n. sp. Saratov. **Semenov**, A. Rev. Russ. Ent., Jaroslavl', **4**, 1904, (216).

Hydrocanthus prolixus n. sp. White Nile. **Sharp**, D. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (3).

Hyphydrus ovatus var. **Sharp**, W. E. Ent. Mag., London, **40**, 1904, (43).

PAUSSIDAE.

Arthropterus feae n. sp. **Gestro**, R. Firenze, Boll. Soc. entom., **34**, (1902), (trimestre 1°-2°), 1902, (33-36).

Hylotorus sebakuanus n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (205).

Paussus nn. spp. **Wasmann**, E. Leiden, Notes Mus. Jentink, **25**, [1904], (51-65).

Platyrhopalus nn. spp. **Wasmann**, E. l.c. (19-20).

Pleuropterus nn. spp. **Wasmann**, E. l.c. (9-10).

GYRINIDAE.

Orectogyrus nn. spp. Cameroun. **Régimbart**, M. Entomol. Tidskr., Stockholm, **23**, 1902, (297-299).

HYDROPHILIDAE.

Helochares nn. spp. White Nile. **Sharp**, D. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (5-8).

Hydrochus niloticus n. sp. White Nile. **Sharp**, D. l.c. (10-11).

Ochthebius auriculatus Rey, new for Sweden. **Sandin**, E. Entomol. Tidskr., Stockholm, **23**, 1902, (62); *O. niloticus* n. sp. Cairo. **Sharp**, D. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (9).

Philydrus pumilio n. sp. White Nile. **Sharp**, D. l.c. (8-9).

Thomosis n. gen. near *Hydrastynus*, for *T. guanicola* n. sp. Bounty Isl.

Brown, T. Ann. Mag. Nat. Hist. London, (Ser. 7), **14**, 1904, (273).

Voltrulus nn. spp. White Nile. **Sharp**, D. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (5-6).

SILPHIDAE.

Agathidium badium Er.: a beetle new to Britain. **Chaster**, G. W. Ent. Rec., London, **16**, 1904, (18).

Antroherpon loreki n. sp. Herzegovina. **Zoufal**, V. Wr. Entomol. Ztg, Wien, **23**, 1904, (20).

Apholeuonius nudus Apfelb. var. *longicollis* n. var. Herzegovina. **Reitter**, E. l.c. (255-258).

Bathyscia (Aphaobius) eurycnemis n. sp. Herzegovina. **Reitter**, E. l.c. (26); *B. pueli* n. sp. France. **Chobaut**, A. Paris, Bul. soc. ent., **1903**, (221-222).

Catops sericatus Chaud., a British insect. **Champion**, G. C. Ent. Mag., London, **40**, 1904, (78).

Choleva pallida n. sp. **Poppius**, B. Helsingfors, Öfvers, F. Vet. Soc., **46**, No. 16, 1904, (2-3).

Diaprysius mazaurei n. sp. **Mayet**, V. Paris, Bul. soc. ent., **1903**, (139-142).

Necrophorus-Arten, Verwandtschaft und Stammform. **Kleffner**, W. Ent. Jahrb., Leipzig, **13**, 1904, (182-186).

Pholeuon hungaricum n. sp. Ungarn. **Csiki**, E. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1901, (565-566).

Trichosphaerula n. subgen. (*Liodes*). **Fleischer**, A. Wr. Entomol. Ztg, Wien, **23**, 1901, (261-262).

SCYDMAENIDAE.

Cephennium fossulatum n. sp. **Lokay**, E. Prag, Čas. České Spol. Entomolog., **1**, 1904, (40-41).

Chevrolatia insignis, capture en Anjou. **La Perraudière**, R. de. Paris, Bul. soc. ent., **1902**, (218-219).

Enconus maklini Mamm., a new British beetle. **Jay**, N. H. Ent. Mag. London, **40**, 1904, (6).

STAPHYLINIDAE.

Aenictonia nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (637).

Agerodes nn. spp. **Bernhauer**, M. Stettiner ent. Ztg. **65**, 1904, (217-242).

Aleochara (*Heterochara*) *glasunovi* n. sp. Russisch-Central-Asien. **Luze**, G. St. Petersburg, Hor. Soc. ent. Ross., **37**, 1904, (113-114); *A. parvicollis* n. sp. **Bernhauer**, M. Stettiner ent. Ztg. **65**, 1904, (240).

Amphichroum australe Fol., *A. adelaidae* Blackb., *A. spinipes*, notes as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (77).

Anommatophilus n. gen., *A. kohli*, *A. minor*, *A. tenellus* nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (642-643).

Anommatozenus n. gen., *A. clypeatus* n. sp. Congo. **Wasmann**, E. l.c. (656-657).

Atemeles prutenoides n. sp. Luxemburg. **Wasmann**, E. D. ent. Zs., Berlin, **1904**, (9-11).

Atheta nn. spp. **Bernhauer**, M. Stettiner ent. Ztg. **65**, 1904, (238-239); *A. (Aleonota) frontalis* n. sp. Russisch-Central-Asien. **Luze**, G. St. Petersburg, Hor. Soc. ent. Ross., **37**, 1904, (109); *A. (Dimetrota) procera* Krtz., *A. allocera* Epph., neue für Norden. **Poppius**, B. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (85-87); *A. (Lao-gluta) roettgeni* n. sp. Schweiz. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591-596).

Bledius bicornis Ahr. found in Sweden. **Sandin**, E. Entomol. Tidskr., Stockholm, **23**, 1902, (61); *B. glasunovi* n. sp. Russisch-Central-Asien. **Luze**, G. St. Petersburg, Hor. Soc. ent. Ross., **37**, 1904, (87-88).

Bryoporus gracilis n. sp. Oesterreich. **Luze**, G. Wien, Verh. ZoolBot. Ges., **53**, 1903, (237).

Bryothinusa n. gen., near *Thinusa*, *B. californae* n. sp. California. **Casey**, T. L. Canad. Ent., Toronto, **36**, 1904, (312-313).

Cafius velutinus Fol., note as to variation. **Lea**, A. M. Sydney, N.S.W.,

Proc. Linn. Soc. N. S. Wales, **29**, 1904, (63).

Carcinocephalus n. nom. für *Astacops* Bernh. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591-596).

Coprophilus bimaculatus n. sp. Russisch-Central-Asien. **Luze**, G. St. Petersburg, Hor. Soc. ent. Ross., **37**, 1904, (79-80).

Cryptobium myrmecocephalum n. sp., *C. mastersi* MacL., note as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (71-73).

Demera nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (630).

Dicax nn. spp. Australia. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (73-74).

Diglossa nn. spp. Perim. **Cameron**, M. Ent. Mag., London, **40**, 1904, (157).

Discozenus n. gen., *D. lepisma*, *D. assmuthi* nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (655).

Dorylocerus n. gen., *D. fossulatus* n. sp. Congo. **Wasmann**, E. l.c. (627-628).

Dorylogaster n. gen., *D. longipes* n. sp. Congo. **Wasmann**, E. l.c. (625-626).

Dorylomimus n. gen., *D. kohli* n. sp. Congo. **Wasmann**, E. l.c. (620-622).

Dorylonia n. gen., *D. laticeps* n. sp. Congo. **Wasmann**, E. l.c. (635).

Dorylonilla n. gen., *D. spinipennis* n. sp. Congo. **Wasmann**, E. l.c. (631).

Dorylophila n. gen., *D. rotundicollis* n. sp. Congo. **Wasmann**, E. l.c. (632-633).

Dorylopora n. gen., *D. costata*, *D. kohli* nn. spp. Congo. **Wasmann**, E. l.c. (628-629).

Dorylozenus nn. spp. Congo. **Wasmann**, E. l.c. (653-655).

Eccoptyglossa n. gen., *E. obscura* n. sp. Russisch-Central-Asien. **Luze**, G. St. Petersburg, Hor. Soc. ent. Ross., **37**, 1904, (105-108).

Eleusis nn. spp. Madagaskar. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **54**, 1904, (4-9); *E.* nn. spp. Cameroun.

Fauvel, A. Ark. Zool., Stockholm, **1**, 1-2, 1903, (236-237); *E. cephalotes* n. sp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (218); *E. planicollis* MacL., note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (77).

Eulissus nn. spp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (230-231).

Eumonia n. gen., *E. keeniana* n. sp. British Columbia. **Casey**, T. L. Canad. Ent., Toronto, **36**, 1904, (313-314).

Eupsenius n. gen., *E. clavicornis* n. sp. America meridionale. **Wasmann**, E. Torino, Boll. Musei zool. anat., **17**, No. 427, 1902, (1-6).

Eupsorus n. gen.? near *Omalium*, for *E. costatus* n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (45-46).

Geodromicus nn. spp. Russisch-Central-Asien. **Luze**, G. St. Petersburg, Hor. Soc. ent. Ross., **37**, 1904, (77-78).

Holosus nn. spp. Sumatra, Gabun. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **54**, 1904, (13-15); *H. sinuatus* n. sp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (217); *H. tenuicornis* n. sp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1-2, 1903, (236).

Hoplandria mirabilis n. sp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (237).

Indoseitalinus n. subgen. (*Xantholinus*). Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-16).

Lathrobium bodemeyeri n. sp. Kleinasien. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591-596).

Leistotrophus africanus n. sp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (217-212).

Leptacinus apicipennis n. sp. **Bernhauer**, M. l.e. (234); *L. novae-hollandiae* Fol., note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (67).

Leptusa anophthalma n. sp.; *L. flavicornis*, Vorkommen im Riesengebirge. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591-596).

Lesteva, paläarktische Arten, nn. spp. Transkaspien. Italien, Syrien. **Luze**, G. Wien, Verh. ZoolBot. Ges., **53**, 1903,

(187-192); *L. turkestanica* n. sp. Russisch-Central-Asien. **Luze**, G. St. Petersburg, Hor. Soc. ent. Ross., **37**, 1904, (76-77).

Lispinus nn. spp. Tonkin, Sumatra, Gabun, etc. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **54**, 1904, (10-12); *L. externepunctus* n. sp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1-2, 1903, (235-236).

Medon mimeticus n. sp. **Fauvel** in **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (224).

Megalops brevipennis n. sp. **Bernhauer**, M. l.e. (222).

Microglossa rugipennis n. sp. Russisch - Central - Asien. **Luze**, G. St. Petersburg, Hor. Soc. ent. Ross., **37**, 1904, (114-115).

Mycetoporus sibiricus n. sp. **Poppius**, B. Helsingfors, Öfers. F. Vet. Soc., **46**, No. 16, 1904, (1-2).

Myrmedonia nn. spp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (205-217); *M.* nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (634); *M. clavigera* Fol., note as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (75).

Ocyusa hibernica Rye, note. **Newbery**, E. A. Ent. Mag., London, **40**, 1904, (251); *O. nigrata* Fairm., new to Britain. **Newbery**, E. A. l.e. (251).

Oedichirus nn. spp. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (61-62).

Olophrum interglaciale n. sp. Sweden. **Mjöberg**, E. Stockholm, Geol. För. Förh., **26**, 1901, (493-497, with pl.).

Omalium arenarium n. sp. Kap. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **54**, 1904, (16); *O. excellens* Bernh., Identität mit *O. falsum* Epp. **Bernhauer**, M. l.e. **53**, 1903, (591-596).

Osorius nn. spp. Afrika. **Bernhauer**, M. l.e. **54**, 1904, (17-19); *O. assiniensis* n. sp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1-2, 1903, (238-239).

Oxytelus nn. spp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (219-221); *O.* nn. spp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1-2, 1903, (237-238); *O.* nn. spp. Russisch-

Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1901, (81-84).

Pachycorinus ganglbaueri n. sp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (234).

Paelerus angulatus MacL., note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (63).

Parosorius n. gen. ~ (*Osorius*). **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (222).

Perinthus nn. spp. America Meridionali. **Wasmann**, E. Torino, Boll. Musei Zool. anat., **17**, No. 427, 1902, (1-6).

Philonthus nn. spp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1-2, 1903, (240-242); *P.* nn. spp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (94-98); *P. (Gabrieus) tirolensis* n. sp. Oesterreich. **Luze**, G. Wien, Verh. ZoolBot. Ges., **53**, 1903, (386); *P. subcingulatus* MacL., note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (64).

Phloeonomus baicalensis n. sp. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591-596).

Pinophilus eppelsheimi n. sp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (223).

Platystethus nn. spp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (85-87).

Polychelus n. gen., *P. aeneipennis* n. sp. Russisch-Central-Asien. **Luze**, G. l.c. (74-76).

Pygostenus nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (646-648).

Quedius nn. spp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (99-103); *Q. (Microsaurus) kraussi* n. sp. Herzegovina. **Penecke**, K. A. Wr. Entomol. Ztg., Wien, **23**, 1904, (135-136); *Q. luridipennis* MacL., note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (65).

Scopaeus triangularis n. sp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (90-91).

Scytogllossa n. gen., *S. delicata* n. sp. Russisch-Central-Asien. **Luze**, G. l.c. (109-112).

Staphylinus nn. spp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (92-93); *S. (Oxyptus) langei* n. sp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (235); *S. sjöstedti* n. sp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1-2, 1903, (239-240).

Stenus parilis n. sp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (88-89).

Stilicis anommatophilus n. sp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (658).

Stenopsis politus n. sp. Australia. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (67).

Stenus nn. spp. Australia. **Lea**, A. M. l.c. (68-70); *S. lithocharoides* ab. *quadriravulatus* n., *S. gracilicornis* n. sp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (83-90).

Sympolemon tiro n. sp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (611).

Tachinus nn. spp. Kleinasien, Balkagebiet. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591-596); *T.* nn. spp. Ost-Sibirien. **Poppius**, B. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 13, 1901, (1-6); *T. splendens* n. sp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (103-104).

Tachyporus gracilicornis n. sp. Russisch-Central-Asien. **Luze**, G. l.c. (101-105); *T. pinkeri* n. sp. Oesterreich. **Luze**, G. Wien, Verh. ZoolBot. Ges., **53**, 1903, (197-198).

Termitonannus n. gen., *T. schmalzi*, *T. silvestrii*, *T. major* nn. spp. America meridionale. **Wasmann**, E. Torino, Boll. Musei Zool. anat., **17**, No. 427, 1902, (1-6).

Termitopsenus n. gen., *T. limulus* n. sp. America meridionale. **Wasmann**, E. l.c. (1-6).

Trilobitidens nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (619-620).

Trogophloeus brasiliensis n. sp. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **54**, 1904, (4-24); *T. (Thinodromus) brevicornis* n. sp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (80-81); *T. klimai* n. sp. Kleinasien. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591-596).

Xantholinus nn. spp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (232-233); *X. (Indoseitalinus) albicornis* n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901 (1-16); *X. alliffi* Lea, note as to validity; *X. phoenicopterus* Er., note as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (65-66); *X. mocquersyi* n. sp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1-2, 1903, (239).

Xylodromus opacus n. sp. Altai. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591-596).

Zyras plasoni n. sp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (240); *Z. sulcicollis* n. sp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1-2, 1903, (243-244).

PSELAPHIDAE.

Aphiliops, Bemerkungen. **Reitter**, E. Wr. Entomol. Ztg., Wien, **20**, 1901, (229-230).

Ctenistomorphus cluniteus n. sp. **Raffray**, A. Paris, Bul. soc. ent., **1903**, (185-186).

Machaerites glabratus found with *Ponera*. **Chitty**, A. J. London, Trans. Ent. Soc., **1904**, (Proc. XL).

Patreus n. gen. near *Sagola* for *P. lewisi* n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (47).

Pselaphus chobauti n. sp. Algérie. **Normand**, H. Paris, Bul. soc. ent., **1903**, (191-192); *P. globiventris* n. sp. Sizilien. **Reitter**, E. Wr. Entomol. Ztg., Wien, **23**, 1904, (46).

Sauleyella n. gen., type *Trimium schmidtii* Maerckel. **Reitter**, E. l. c. **20**, 1901, (229-230).

Sognorus peyerimhoffi n. sp. **Raffray**, A. Paris, Bul. soc. ent., **1903**, (186).

SCAPHIDIIDAE.

Scaphidium matthewsi n. nom. = *S. unicolor* Matth. **Csiki**, E. Wr. Entomol. Ztg., Wien, **23**, 1904, (85).

Scaphosoma reitteri n. nom. = *S. laeve* Guilleb. **Csiki**, E. l. c. (85).

HISTERIDAE.

Acritus nigricornis E. H. **Gerhardt**, J. Zs. Ent., Breslau, (N.F.), **28**, 1903, (12-13); *A. nigricornis*, Berichtigung. **Gerhardt**, J. D. ent. Zs., Berlin, **1904**, (368); *A. seminulum* und *nigricornis*, selbständige Arten? **Reitter**, E. Wr. Entomol. Ztg., Wien, **23**, 1904, (29-36).

Encosoma n. gen., *E. vespertinum* n. sp. Brazil. **Lewis**, G. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (149, pl. VI, fig. 5).

Entidium lepidum n. sp. Brazil. **Lewis**, G. l. c. (138).

Gnathoneus, Artübersicht. **Reitter**, E. Wr. Entomol. Ztg., Wien, **23**, 1904, (29-36).

Hister nn. spp., *H. pachysoma*, characters. **Lewis**, G. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (146, 147).

Hololepta dux n. sp. Camerouns. **Lewis**, G. l. c. (138).

Lioderma intersectum n. sp. Peru. **Lewis**, G. l. c. (139).

Macrolister n. gen. for *Hister gigas*, etc. **Lewis**, G. l. c. (145).

Niponius striaticeps n. sp. Borneo. **Lewis**, G. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (137, pl. VI, fig. 4).

Omalodes mestino n. sp. Peru. **Lewis**, G. l. c. (144).

Pachylister n. gen. for *Hister caffer*, etc. **Lewis**, G. l. c. (145).

Pachylomalus andrevesi n. sp. India. **Lewis**, G. l. c. (147).

Placodes brauni n. sp. S. Africa. **Lewis**, G. l. c. (142).

Plaesus monhoti, *P. planulus*, *P. laevis*, re-described. **Lewis**, G. l. c. (140, 141).

Platylister sororius n. sp. India. **Lewis**, G. l. c. (142).

Platysoma capense = *P. henningsi* Sturm, *sculptum* Fähr. *P. punctulatum* Lew. Lewis, G. l.c. (141); *P. rufistriatum* n. sp. Java. Lewis, G. l.c. (143).

Probolus ternus termitophilus n. sp. S. Africa. Lewis, G. l.c. (148).

Saprinus nn. spp. S. America. Lewis, G. l.c. (150); S. nn. spp. Transcaucasien, Buchard, Südrussland, etc. Reitter, E. Wr. Entomol. Ztg, Wien, 23, 1901, (29-36).

Teinotarsus latipes n. sp. Old Calabar. Lewis, G. Ann. Mag. Nat. Hist., London, Ser. 7, 14, 1904, (115).

NITULIDAE.

Epuraea opacula n. sp. Poppus, B. Helsingfors, Öfvers. F. Vet. Soc., 46, No. 16, 1904, (3-5).

Ips curridens, Artberechtigung der Verwandten. Bargmann, A. Allg. Zs. Ent., Neudamm, 9, 1904, (262-264); *I. scindentatus* Boern, J. und *I. typographus* L. Fuchs, G. Natw. Zs. Landw., Stuttgart, 2, 1904, (193-198).

Meligethes atomus n. sp. Congo belge. Grouvelle, A. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (181).

TROGOSITIDAE.

Gaurambe fairmairei n. sp. Léveillé, A. Paris, Bul. soc. ent., 1903, (107).

Tennochila nn. spp. Léveillé, A. l.c. (190-191).

COLYDIIDAE.

Anommatus 12-striatus Müll., introduced to Tasmania. Lea, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1904, (78).

Antonium sulcatum Oliv. (*trisuleum* Fourc.), species of Colydiid new to Britain. Pool, C. J. C. Ent. Rec., London, 16, 1901, (310).

Caprodes ater n. sp. Congo belge. Grouvelle, A. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (181).

Cerylon orale n. sp. Congo belge. Grouvelle, A. l.c. (182-183).

Illestus grouvellei Reitter, note as to synonymy. Lea, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1904, (78).

RHYSODIDAE.

Rhysodes nn. spp. Australia. Lea, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1904, (78-82).

CUCUJIDAE.

Dryocora walkeri n. sp. Australia. Lea, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1904, (87).

Laemophlaeus diemenensis Blackburn, description of female, *L. frenchi* note as to variation. 6 mm. spp. Australia. Lea, A. M. l.c. (82-87); *L. notabilis* n. sp. Congo belge. Grouvelle, A. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (183).

Laemotmetus rhizophagodes Walk. (as *Trogossita*) = *L. ferrugineus* Gerst. = *Oryzaecus cathartoides* Reitt = *Asana rhizophagodes* Oll. Arrow, G. J. Ent. Mag., London, 40, 1904, (36).

Platistus integricollis Reitter, description of larva. Lea, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1904, (88).

Silvanus nn. spp. Congo belge. Grouvelle, A. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (183-184).

CRYPTOPHAGIDAE.

Atomaria proluxa Er., *A. pulchra* Märk. i. litt. Gerhardt, J. Zs. Ent., Breslau, (N.F.), 29, 1904, (83-84).

EROTYLIDAE.

Callilanguria asymmetrica n. sp. Celebes. Heller, K. Dresden, Abh. zool. Mus., 9, Nr. 5, 1901, (1-16).

Neocoptenyz n. gen., *N. cyanipes* n. sp. Celebes. Heller, K. l.c. (1-16).

MYCETOPHAGIDAE.

Lithargus nn. spp. Congo belge.
Grouvelle, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (184-185).

COCCINELLIDAE.

GENERAL.

Weise, J. Synonymische Bemerkungen zu Gorham, Biologia Centrali-Americana, Vol. 7. *Coccinellidae*. D. ent. Zs., Berlin, **1904**, (357-364).

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Adalia bipunctata, Varietäten aus Nord-Thüringen **Krausse** [sousst. **Krausse**], A. H. Ent. Zs., Guben, **18**, 1904, (112); *A. bipunctata* L., Varietäten. **Reichert**, A. Ent. Jahrb., Leipzig, **13**, 1904, (179-181, mit 1 Taf.).

Chilocorus similis. **Marlatt**, C. L. Pop. Sci. Mon., New York, N.Y., **65**, 1904, (306-317, with text fig.).

Coccinella lutea Ol. und verwandte Arten, *C. oncinia* Olw. var. *sinaita* n. var. Sinai. **Weise**, J. in **Kneucker**, A. Wien, Verh. ZoolBot. Ges., **53**, 1903, (575-587).

Epilachna nn. spp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (57-58); *E.* nn. spp. Kamerun. **Weise**, J. Ark. Zool., Stockholm, **1**, 1-2, 1903, (56-57, with pl.).

Norius cardinalis, attività contro l'*Ecerya purchasi*. **Ribaga**, C. Riv. patol. veg., Portici, **10**, 1901-1902, (299-323).

Solanophila nn. spp. Africa. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (58-60); *S.* nn. spp. Kamerun. **Weise**, J. Ark. Zool., Stockholm, **1**, 1-2, 1903, (58-61, with pl.).

Vedalia guerini, natural history. **Stebbing**, E. P. London, J. Linn. Soc., **29**, 1904, (155-162, pl. XVII).

ENDOMYCHIDAE.

Aclenmyza n. gen., *A. solaris* n. sp. Italien. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (41-42).

Alexia maritima n. sp. Seealpen. **Reitter**, E. l.c. (45).

Dapsa roddiana n. sp. Siberia. **Semenov**, A. Rev. Russ. Ent., Jaroslavl', **4**, 1904, (289).

Lycoperdina (Golgia) jakolevi n. sp. Siberia. **Semenov**, A. l.c. (290).

LATHRIDIIDAE.

Enicmus anthracinus Muh. sp. pr. **Gerhardt**, J. Zs. Ent., Breslau, (N.F.), **28**, 1903, (14-16); *E. anthracinus*, *E. minutus*, Artbeschreibung. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (43-45).

Lathridius, Häutchen am Hals-schilde. **Gabriel**, C. Zs. Ent., Breslau, (N.F.), **28**, 1903, (17-20); *L. bergrothi*, capture à Wimereux (Pas-de-Calais). **Giard**, A. Paris, Bul. soc. ent., **1902**, (258); *L. poppiusi* n. sp. Siberia. **Semenov**, A. Rev. Russ. Ent., Jaroslavl', **4**, 1904, (289).

DERMESTIDAE.

Attagenus biskrensis n. sp. **Pic**, M. Echänge, Lyon, **20**, 1904, (2).

BYRRHIDAE.

GENERAL.

Pic, M. Notes et synonymies relatives aux *Byrrhidae* de **Reitter**. Paris, Bul. soc. ent., **1903**, (27-28).

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Curimus vestitus n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (49).

Simpleocaria nn. spp. **Poppius**, B. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 16, 1901, (5-9).

GEORYSSIDAE.

Georyssus nn. spp. Madagascar. **Alluaud**, C. Paris, Bul. Soc. ent., **1902**, (270-271).

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Eggers. Die Borkenkäfer des Grossherzogtums Hessen. Natw. Zs. Landw., Stuttgart, **2**, 1904, (88-100).

Fuchs, G. Die Borkenkäfer-Fauna der bayerischen Hochebene und des Gebirges. *l.c.* 253-259.

Lea, A. M. Catalogue of Australian *Bostrychidae*. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (91).

PTINIDAE.

Epizernus nn. spp. Finland. **Leinberg, A.** Helsingfors, Med. Soc. Fauna et Fl. Fenn., **30**, 1904, (16-22).

Ernobius incisus n. sp., *E. kiesenwetteri* Schills. var. *subopaca* n. var. **Pic, M.** Echange, Lyon, **20**, 1904, (2).

Eurostus cylindricornis n. sp. Klein-asien. **Reitter, E.** Wr. Entomol. Ztg, Wien, **23**, 1904, (81-82).

Mesociclops rufithorax n. sp. **Pic, M.** Echange, Lyon, **20**, 1904, (2-5, 9-10).

Ptinus nn. spp. **Pic, M.** Paris, Bul. oc. ent., **1903**, (111-112); *P. elegans* n. sp. Natal. **Péringuey, L.** Cape Town, Ann. S. Afric. Mus., **3**, 1904, (225); *P. tectus*, habits. **Champion, G. C.** Ent. Mag., London, **40**, 1904, (85).

Theca oneili n. sp. **Pic, M.** Echange, Lyon, **20**, 1904, (10).

MALACODERMIDAE.

[INCL. MELYRIDAE.]

GENERAL.

Bongardt, J. Beiträge zur Kenntnis der Leuchtorgane einheimischer Lampyriden. Zs. wiss. Zool., Leipzig, **75**, 1903, (1-45, mit 3 Taf.).

Bourgeois, J. Rhipidocérides et Malacodermes recueillis par W. J. Burchell dans ses voyages en Afrique, Australe (1810-1815), et au Brésil (1825-1830); avec la description de quatre espèces nouvelles. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (89-102).

Pic, M. Note sur divers Malacodermes du nord de l'Afrique. Paris, Bul. soc. ent., **1903**, (155-157).

——— Diagnoses de Malacodermes africains et américains. Echange, Lyon, **20**, 1904, (27-29).

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Watase, S. Habits, development, distribution, &c. of Lampyrids, Japanese. Dôbuts. Z., Tokyo, **16**, 1904, (1-15, with pl.).

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Acanthocnemus brevicornis n. sp. Madagascar. **Pic, M.** Paris, Bul. soc. ent., **1903**, (113-116).

Anthonomus martini n. sp. **Pic, M.** Echange, Lyon, **20**, 1904, (27-29).

Astylus, note sur le genre. **Pic, M.** *l.c.* **17**, 1902, (34-36); *A. longipennis* n. sp. **Pic, M.** *l.c.* **20**, 1904, (27-29).

Attalus africanus n. sp. **Pic, M.** *l.c.* (27-29).

Celetes burchelli n. sp. **Bourgeois, J.** Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (93).

Chlamydolycus burchelli n. sp. **Bourgeois, J.** *l.c.* (91).

Cyrtosus subcylindricus n. sp.; *C. frigidus* *syriaci* n. subsp. **Pic, M.** Echange, Lyon, **20**, 1904, (2-5).

Danaeaea nn. spp. **Pic, M.** *l.c.* (2-3).

Dichelotarsus sulcithorax n. sp. Sibérie. **Pic, M.** *l.c.* (26).

Ebaecomorphus n. gen., *E. ramicornis* n. sp. **Pic, M.** *l.c.* (28).

Ebaeus bahiensis n. sp. **Pic, M.** *l.c.* (28).

Hapalochrous martini n. sp. **Pic, M.** *l.c.* (28).

Ichthyurus nn. spp. **Gestro, R.** Firenze, Boll. Soc. entom., **34**, (1902), (trimestre 1-2), 1902, (36-47).

Luciola italica, larva. **Ghigi, A.** *l.c.* **33**, (1901), (trimestre 3^e-4^e), 1902, (183-189, con 3 fig.); *L. xanthochroa* n. sp. Madagascar. **Fairmaire, L.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (236-237).

Lycus sjöstedti n. sp. Cameroun. **Bourgeois, J.** Entomol. Tid-kr., Stockholm, **24**, 1903, (285-287).

Malthinus flavicollis n. sp. **Pic, M.** Echange, Lyon, **20**, 1904, (4); *M. (Progeutes) longipennis* var. *flavipennis* n. var. Nord Africain. **Pic, M.** Paris, Bul. soc. ent., **1903**, (155-157).

Malthodes nn. spp. Région méditerranéenne. **Bourgeois**, J. *l.e.* (152-154, av. fig.); *M.* nn. spp. Nord Afrique. **Bourgeois**, J. *l.e.* (219-221); *M.* (*Podistrina*) *arbaensis* n. sp. **Pic**, M. *Echange*, Lyon, **20**, 1904, (3).

Megalophthalmus piliniformis n. sp. Parà. **Bourgeois**, J. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **13**, 1904, (98).

Photinus marginellus, luminosity. **Townsend**, A. B. *Amer. Nat.*, Boston, Mass., **38**, 1904, (127-151, with text fig.); *P. pautoni* n. sp. Jamaïque. **Olivier**, E. *Paris, Bul. soc. ent.*, **1902**, (318-319).

Plateros variicostatus n. sp. Brazil. **Bourgeois**, J. *Ann. Mag. Nat. Hist.*, London, (Ser. 7), **13**, 1904, (94).

Platyceis cosnardi: *raddensis* n. subsp. **Pic**, M. *Echange*, Lyon, **20**, 1904, (25-27).

Podabrus rosinae n. sp. Sibérie. **Pic**, M. *l.e.* (25).

Podistrina doderoi n. sp. **Bourgeois**, J. *Paris, Bul. soc. ent.*, **1903**, (210-211).

Progenitis longipennis var. *flavicans* n. var. **Bourgeois**, J. *l.e.* (73-77).

Pseudocolotes nn. spp. **Pic**, M. *Echange*, Lyon, **20**, 1904, (11).

Rhagonycha querceti: *bugnioni* n. subsp. **Bourgeois**, J. *Paris, Bul. soc. ent.*, **1903**, (73-77).

Silis nigrifrons n. sp. Madagascar. **Fairmaire**, L. *Bruxelles, Ann. Soc. ent. Belgique*, **48**, 1901, (237).

Telephorus fuscus, Larven. **Remer**, W. *Breslau, Jahresber. Ges. vaterl. Cultur*, **81**, (1903), 1904, zool. bot. Sect., (12-14).

Xamerpus obscurus n. sp. **Pic**, M. *Echange*, Lyon, **20**, 1904, (27-29); *X. rubromotatus* n. sp. **Pic**, M. *l.e.* (2-5, 9-10).

CLERIDAE.

Trichodes kraatzi **Reitter**. **Hintz**, E. *D. ent. Zs.*, Berlin, **1904**, (420-422).

LYMEXYLOXIDAE.

Atractocerus madagascariensis **Cast.**, characters. **Fairmaire**, L. *Bruxelles, Ann. Soc. ent. Belgique*, **48**, 1901, (237).

ELATERIDAE.

GENERAL.

Du Buysson, H. *Remarques sur quelques Elatérides*. *Paris, Bul. soc. ent.*, **1903**, (15-18).

Pic, M. *Nouvelles remarques sur quelques Elatérides*. *l.e.* (38-40).

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Aeolus dimidiatofasciatus n. sp. Süd-Amerika. **Schwarz**, O. *D. ent. Zs.*, Berlin, **1904**, (71).

Agonischius beauchenei n. sp. **Flautiaux**, E. *Paris, Bul. soc. ent.*, **1903**, (228-229).

Alaus sjöstedti n. sp. Kamerun. **Schwarz**, O. *Ark. Zool.*, Stockholm, **1**, 1-2, 1903, (46-47).

Anoplischius nn. spp. Süd-Amerika. **Schwarz**, O. *D. ent. Zs.*, Berlin, **1904**, (51-55); *A. basalis* Schw. *A. femoralis* Schw. **Schwarz**, O. *l.e.* (15); *A. mutabilis* Schw. **Schwarz**, O. *l.e.* (11).

Athous nn. spp., n. var. Spain. **Reitter**, E. *Madrid, Bol. soc. esp. hist. nat.*, **4**, 1904, (236-240).

Atractosomus nn. spp. Süd-Amerika. **Schwarz**, O. *D. ent. Zs.*, Berlin, **1904**, (59-60); *A. testaceipennis* n. sp. Süd-Amerika. **Schwarz**, O. *l.e.* (70).

Campylus korbi n. sp. Sibérie. **Pic**, M. *Echange*, Lyon, **20**, 1904, (25).

Cardiophorus Esch., note sur le genre. **Pic**, M. *Paris, Bul. soc. ent.*, **1902**, (305-307); *C. poneyi* n. sp. **Du Buysson**, H. *l.e.* **1903**, (129-131); *C. retulus* n. sp. Kamerun. **Schwarz**, O. *Ark. Zool.*, Stockholm, **1**, 1-2, 1903, (53).

Cardiorhinus nn. spp. Süd-Amerika. **Schwarz**, O. *D. ent. Zs.*, Berlin, **1904**, (62-68).

Cephalodendron sicardi n. sp. Madagascar. **Fairmaire**, L. *Bruxelles, Ann. Soc. ent. Belgique*, **48**, 1904, (235).

Cosmesus nn. spp. Süd-Amerika. **Schwarz**, O. *D. ent. Zs.*, Berlin, **1904**, (69, 79-80).

Ctenicera pupieri n. sp. **Flautiaux**, E. *Paris, Bul. soc. ent.*, **1903**, (228-229).

Didymolophus n. gen., *D. perrieri* n. sp. Madagascar. Fairmaire, L. Bruxelles, Ann. Soc. ent. Belgique, 48, 1901, (235-236).

Grammophorus nn. spp. Süd-Amerika. Schwarz, O. D. ent. Zs., Berlin, 1904, 71-72.

Horistonotus bicolor n. sp. Rainbow, W. J. Sydney, N.S.W., Rec. Austr. Mus., 5, 1901, (216, fig. 37).

Isochilontus nn. spp. Süd-Amerika. Schwarz, O. D. ent. Zs., Berlin, 1904, (55-59).

Lobotarsus brevipennis n. sp. Kamerun. Schwarz, O. Ark. Zool., Stockholm, 1, 1-2, 1903, (44-46).

Melanoxanthus archeducalis n. sp. Celebes. Heller, K. Dresden, Abh. zool. Mus., 9, Nr. 5, 1901, (1-16); *M. cribricollis* n. sp. Iles Séchelles. Fleutiaux, E. Paris, Bul. Soc. ent., 1903, (13-14).

Monocrepidius chilensis n. sp. Süd-Amerika. Schwarz, O. D. ent. Zs., Berlin, 1904, (70).

Paracosmesus chiliensis n. sp. Süd-Amerika. Schwarz, O. l.c. (80).

Paradoxon n. gen., *P. antennale* n. sp. Madagascar. Fleutiaux, E. Paris, Bul. soc. ent., 1903, (107-108).

Pomachilius nn. spp. Süd-Amerika. Schwarz, O. D. ent. Zs., Berlin, 1904, (61-78).

Psephus nn. spp. Kamerun. Schwarz, O. Ark. Zool., Stockholm, 1, 1-2, 1903, (47-52); *P. allnandi* n. sp. Iles Séchelles. Fleutiaux, E. Paris, Bul. soc. ent., 1903, (13-14).

Semiotus nn. spp. Süd-Amerika. Schwarz, O. D. ent. Zs., Berlin, 1904, (49-50).

BUPRESTIDAE.

GENERAL.

Mollandin de Boissy, R. Notes bibliques sur quelques Buprestides français. Paris, Bul. soc. ent., 1903, (151-152).

Waterhouse, C. O. Observations on Coleoptera of the family Buprestidae with descriptions of new species. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (245-267, 314-348).

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SPECIAL.

Acherusia saundersii n. sp. Brazil. Waterhouse, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (249).

Acmaeodera, synonymy and nn. spp. Waterhouse, C. O. l.c. (258-265); A. nn. spp. Syria and Spain. Escalera, M. de la. Madrid, Bol. soc. esp. hist. nat., 4, 1901, (221-226); A. nn. spp. Wüste Gobi, Afghanistan. Reitter, E. Wr. Entomol. Ztg. Wien, 23, 1901, (255-258).

Agriloides n. gen. for *Hydropicus* Klug. Kerremans, C. In: Wytsman's Genera Insectorum, fasc. 12, 1903, (264).

Agrilus nn. spp. Ceylon. Théry, A. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (161-165); *A. ambiguellus* n. nom. for *A. ambiguus* Kerr. Kerremans, C. In: Wytsman's Genera Insectorum, fasc. 12, 1903, (285); *A. fulvolineatus* n. nom. for *A. flavolineatus* C. and G. l.c. (269); *A. fugitivus* n. nom. for *A. fugax* Kerr. l.c. (271); *A. fossifer* n. nom. for *A. foreicollis* Kerr. l.c. (272); *A. grassator* n. nom. for *A. gracilicornis* Gangl. l.c. (285); *A. importunus* n. nom. for *A. imbellis* Kerr. l.c. (286); *A. levisi* n. nom. for *A. brevitarsis* Lew. l.c. (287); *A. lewisiiellus* n. nom. for *A. gracilipes* Lew. l.c. (287); *A. protractus* n. nom. for *A. proximus* Baud. l.c. (289); *A. sub-frontalis* n. nom. for *A. frontalis* Fairm. l.c. (281).

Amorphosoma pyropyga n. sp. Sumatra. Kerremans, C. l.c. (289).

Amorphosternus bruchi n. sp. Tucuman. Kerremans, C. l.c. (256).

Aneylocheira marginicollis n. sp. Mouy-Tsé. Fairmaire, L. Paris, Bul. soc. ent., 1902, (266-269).

Aphanisticus nn. spp., *A. aeneolus* n. nom. for *A. aeneus* Kerr. Africa. Kerremans, C. In: Wytsman's Genera Insectorum, fasc. 12, 1903, (304-305).

Belgaumia n. gen. for *B. capucina* Kerr. Kerremans, C. l.c. (252).

Bergidora n. gen. for *Acmaeodera pictarella*. l.c. (298).

Brachys nn. spp. S. America. Kerremans, C. l.c. (325-326).

Callimiera cylindera n. sp. Brazil. Kerremans, C. l.c. (331).

Castalia nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (252-253).

Chaleophoropsis rothschildi Gahan, description. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (231).

Chrysaspis nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (344-347).

Chrysobothris amurensis n. sp. **Pic**, M. Sibérie. Echange, Lyon, **20**, 1904, (25-27); *C. musae* n. sp. Ceylon. **Théry**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (160).

Chrysochroa nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (266).

Cissicoraeus n. gen. for *C. grandis* Kerr. **Kerremans**, C. In: Wytsman's Genera Insectorum, fasc. **12**, 1903, (253).

Compsoglypha n. gen., *C. perrieri* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (233-234).

Cylindromorphoides n. gen. for *Taphrocercus agriliformis* Kerr. **Kerremans**, C. In: Wytsman's Genera Insectorum, fasc. **12**, 1903, (301).

Cylindromorphus juvenilis n. sp. E. Africa. **Kerremans**, C. l.e. (299).

Demochroa nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (265).

Dicerea, paläarktische Arten, *D. miranda* n. sp. **Reitter**, E. Wr Entomol. Ztg, Wien, **23**, 1904, (21-24); *D. corrugata* n. sp. Mouy-Tsé. **Fairmaire**, L. Paris, Bul. soc. ent., **1902**, (266-269).

Discoderes nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (234-235).

Endelus sulcicollis n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-46).

Epimacha theryi n. sp. Andaman Islands. **Kerremans**, C. In: Wytsman's Genera Insectorum, fasc. **12**, 1903, (249).

Julodis nn. spp., nn. varr. Persia. **Abeille de Perrin**, E. Madrid, Bol. soc. esp. Hist. nat., **4**, 1901, (206-211).

Kamosia nn. spp. Africa. **Kerremans**, C. In: Wytsman's Genera Insectorum, fasc. **12**, 1903, (294).

Lampropepla n. nom. = *Madecassia*, *L. ophthalmica* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (231-232).

Leiopepla brasiliensis n. sp. Brazil. **Kerremans**, C. In: Wytsman's Genera Insectorum, fasc. **12**, 1903, (329).

Lius nn. spp. S. America. **Kerremans**, C. l.e. (322-323).

Melibacopsis n. gen. for *M. obesa* Kerr. and *M. desegranata* Fairm. **Kerremans**, C. l.e. (239).

Nalanda n. gen., *N. horni* n. sp. Ceylon. **Théry**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (160-161).

Nastella n. gen., *N. fairmairei* n. sp. S. Africa. **Kerremans**, C. In: Wytsman's Genera Insectorum, fasc. **12**, 1903, (249-250).

Pachyschelus nn. spp. S. America. **Kerremans**, C. l.e. (318-320).

Paracastalia nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (249-251).

Phlocteis zanzibarica n. sp. Africa. **Kerremans**, C. l.e. (257).

Polybothris nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (232-233).

Polycesta, synonymy and nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (254-258).

Ptosima amalibis var. *hieroglyphica* n. var. Ceylon. **Théry**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (158-159).

Sphenoptera nn. spp. **Jakovlev**, V. E. St. Petersburg, Hor. Soc. Ent. Ross., **37**, 1901, (174-186); *S. horni* n. sp., *S. perroteti* var. *rugosiventris* n. var. Ceylon. **Théry**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (159); *S. (Hoplandroenema) venusta* n. sp. Tiflis. **Jakovlev**, V. E. Rev. Russ. Ent., Jaroslavl', **4**, 1904, (309).

Steraspis arabica n. sp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (348).

Sternocera, synonymy and nn. spp. **Waterhouse**, C. O. l.e. (245-248).

Stigmodera cydista n. sp. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1901, (216, fig. 36).

Taphrocerus minutus n. sp. Brazil. Kerremans, C. In: Wytman's Genera Insectorum, fasc. 12, 1903, (328).

Trachys nn. spp. Africa. Kerremans, C. l.c. (308-312); 7 nn. spp. Ceylon. Théry, A. Bruxelles, Ann. Soc. ent. Belgique, 48, 1901, (165-167).

TENEBRIONIDAE.

GENERAL.

Gebien, H. Revision der Pycnocerini Lacord. (Coleoptera Heteromera.) D. ent. Zs., Berlin, 1904, (101-176, 305-356).

Pomerancev, D. Notes biologiques . . . coléoptères vivant sous les écorces et utiles dans la sylviculture. (Russ.) Rev. russ. ent., Jaroslavl', 4, 2-3, 1901, (35-89).

Reitter, E. Bestimmungs-Tabelle der Tenebrioniden-Unterfamilien: Lachnogrini, Akidini, Pedinini, Opatrini und Trachyscelini aus Europa und den angrenzenden Ländern. Brünn, Verh. Natf. Ver., 42, (1903), 1904, (25-189).

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Acanthomeri cursor n. sp. Cape Colony. Péringuey, L. Cape Town, Ann. S. Afric. Mus., 3, 1904, (252).

Acastus seabakuensis n. sp. Southern Rhodesia. Péringuey, L. l.c. (266).

Adesmia nn. spp. Namaqualand maj. Péringuey, L. l.c. (226-227).

Akis nn. spp. Reitter, E. Brünn, Verh. Natf. Ver., 42, (1903), 1904, (40, 43, 45).

Allecula lörendalii Reitt. new for Sweden. Sandin, E. Entomol. Tidskr., Stockholm, 23, 1902, (62).

Amiantus pusillus n. sp. Transvaal. Péringuey, L. Cape Town, Ann. S. Afric. Mus., 3, 1904, (235).

Ammi anemia n. subgen. (*Anemia*). Reitter, E. Brünn, Verh. Natf. Ver., 42, (1903), 1904, (132).

Anatolica hammarströmi n. sp. Poppius, P. Helsingfors, Öfvers. F.-Vet. Soc., 46, No. 16, 1904, (12-13).

Anchophthalmus nn. spp. Mozambique. Péringuey, L. Cape Town, Ann. S. Afric. Mus., 3, 1904, (237).

Anomalipus nn. spp. Transvaal. Péringuey, L. l.c. (239-241, pl. XIII, figs. 9 and 10); Nov. Zool., Tring, 11, 1904, (419-450).

Aphrotus n. nom. for *Xenus* Pér. olim. (preoccupied), *A. obortus* n. sp. Great Namaqualand. Péringuey, L. Cape Town, Ann. S. Afric. Mus., 3, 1904, (252).

Asemogena n. gen., *A. humilis*, *A. simplex* nn. spp. Cape Colony. Péringuey, L. l.c. (281-282).

Aulonoleus n. subgen. (*Lobothorax*). Reitter, E. Brünn, Verh. Natf. Ver., 42, (1903), 1904, (168, 169).

Cabirus nn. spp. Reitter, E. l.c. (61-68).

Calostepha cylindrica n. sp. Gebien, H. D. ent. Zs., Berlin, 1904, (175).

Catamernus nn. spp. Mozambique and Southern Rhodesia. Péringuey, L. Cape Town, Ann. S. Afric. Mus., 3, 1904, (250-251, pl. XIII, fig. 12).

Cherostus nn. spp. West Indies. Arrow, G. J. Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (31-32).

Coelophus longipennis n. sp. Chine. Fairmaire, L. Paris, Bul. soc. ent., 1902, (316-318).

Colpopatrum n. subgen. (*Opatrum*). Reitter, E. Brünn, Verh. Natf. Ver., 42, (1903), 1904, (118).

Colpotus punctipleuris n. sp. Reitter, E. l.c. (63).

Dendarus nn. spp. Reitter, E. l.c. (80, 81, 86, 89, 92).

Dendroscelis n. subgen. (*Dendarus*) for *D. serripes* n. sp. Reitter, E. l.c. (92).

Dichastops mashunus n. sp. Southern Rhodesia. Péringuey, L. Cape Town, Ann. S. Afric. Mus., 3, 1904, (214).

Diestesoma n. gen., *D. pulchrum* n. sp. Péringuey, L. l.c. (271-272).

Dilampus böhmii n. sp. Reitter, E. Brünn, Verh. Natf. Ver., 42, (1903), 1904, (71).

Discolus n. subgen. (*Lobothorax*) for *L. netuschili* n. sp. Reitter, E. l.c. (161-162).

Dorclogena n. gen., *D. angusta*, *D. castanea* nn. spp. Southern Rhodesia. Péringuey, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (280-281).

Dysgena nn. spp. Cape Colony. Péringuey, L. l.c. (276-279).

Endostomus sudanensis n. sp. Sudan. Wasmann, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (10-11, with pl.); *E. rhodesianus* n. sp. Southern Rhodesia. Péringuey, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (242).

Eumylada n. subgen. (*Myladina*). Reitter, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (170).

Eurycaulus granulatus n. sp. Reitter, E. l.c. (127).

Gonocephalum nn. spp. Reitter, E. l.c. (142, 146, 147).

Gonocnemis jaegerskioeldi n. sp. Sudan. Wasmann, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (7-8, with pl.).

Haemus n. gen., *H. carinatipennis* n. sp. Péringuey, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (228-229).

Heliocrates n. subgen. (*Heliophilus*). Reitter, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (98-99).

Heliophilus nn. spp. Reitter, E. l.c. (98-103).

Hemipristis kraatzi n. sp. Gebien, H. D. ent. Zs., Berlin, 1904, (127).

Hemitrichestes n. subgen. (*Lobothorax*). Reitter, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (169).

Herpiscius damarinus n. sp. Damara-land. Péringuey, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (229).

Heterophylus nn. spp. Reitter, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (69, 70).

Holaniana picescens Fairm., Lebensgeschichte. Deventer, W. van. Arch. Java Suiker., Soerabaia, **12**, 1904, (225-233, mit 1 Taf.).

Hoplambius n. subgen. (*Melambius*). Reitter, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (114).

Hoplariobus n. subgen. (*Micrositus*). Reitter, E. l.c. (115).

Hoplonyx nn. spp. Natal. Péringuey, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (255-260); *H. termitophilus* n. sp. Sudan. Wasmann, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (9-10, with pl.).

Lesbidana n. subgen. (*Melanesthes*). Reitter, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (173).

Litoborus subtilimargo n. sp. Reitter, E. l.c. (113).

Lobothorax nn. spp. Reitter, E. l.c. (162-164, 169).

Lypros nn. spp. Mozambique. Péringuey, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (243).

Melanesthes coriaria n. sp. Reitter, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (173).

Mesomorphus nn. spp. Reitter, E. l.c. (74).

Metallonotus splendens n. sp. Gebien, H. D. ent. Zs., Berlin, 1904, (318).

Micrantereus nn. spp. Cape Colony. Péringuey, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (245-250, pl. XIII, figs. 1-7).

Micrositus nn. spp. Reitter, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (116, 118, 120, 121).

Miglica n. subgen. (*Melanesthes*). Reitter, E. l.c. (171).

Mimocellus n. gen., *M. trechoides*, *M. braunsi* nn. spp. Sudan. Wasmann, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (11-12, with pl.).

Mongolesthes n. subgen. (*Melanesthes*). Reitter, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (174).

Morica pharao n. sp. Reitter, E. l.c. (38).

Namocerus nn. spp. Mozambique. Péringuey, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (270-271).

Nesogena caffra n. sp. Caffraria. Péringuey, L. l.c. (262).

Netuschilia n. gen. Reitter, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (35).

Ochrolamus n. subgen. (*Dilamus*). Reitter, E. l.c. (73).

Odontopezus lucens n. sp. Gebien, H. D. ent. Zs., Berlin, 1904, (310-311).

Olocrates nn. spp. **Reitter**, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (93-95).

Opatronesthes n. subgen. (*Melanesthes*). **Reitter**, E. l.c. (174).

Opotropis n. gen. **Reitter**, E. l.c. (159).

Opotrum nn. spp. **Reitter**, E. l.c. (153, 155, 156, 158).

Pachypterus serrulatus n. sp. **Reitter**, E. l.c. (75).

Paragonoenemis traegaordhi n. sp. Sudan. **Wasmann**, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (8-9, with pl.).

Paramarygmus nn. spp. Natal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (261-262).

Paraphylax sternalis n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (57).

Pedinus nn. spp. **Reitter**, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (56, 59, 61).

Pentholasius n. subgen. (*Clitobius*). **Reitter**, E. l.c. (178).

Penthomagus n. subgen. (*Lobothorax*). **Reitter**, E. l.c. (162).

Perichilus ditissimus n. sp. Natal, Transvaal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (270).

Pheugonius giganteus n. sp. **Gebien**, H. D. ent. Zs., Berlin, **1904**, (157).

Philgra nn. spp. Cape Colony. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (236).

Phylax insignis n. sp. **Reitter**, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (110).

Praogena nn. spp. Natal, Transvaal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (273-276).

Priscoelcis thomsoni n. nom. for *P. clauda*. **Gebien**, H. D. ent. Zs., Berlin, **1904**, (148).

Prosodes mithras n. sp. Persien. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (255-258).

Prosodidius n. gen., *P. perrieri* n. sp. Madagascar. **Fairmaire**, L. Paris, Bul. soc. ent., **1903**, (67-70).

Psammodes nn. spp. Transvaal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (230-233).

Pycnocerus nn. spp. **Gebien**, H. D. ent. Zs., Berlin, **1904**, (343-344).

Rhizalemus n. subgen. (*Dendarus*) **Reitter**, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (90).

Scleron nn. spp. **Reitter**, E. l.c. (121-126).

Scleronimoa n. subgen. (*Eurycaulus*), for *E. granulatus*, *E. peyerimhoffi* nn. spp. **Reitter**, E. l.c. (127).

Scythis rectangularis n. sp. **Poppius**, B. Helsingfors, Öfers. F. Vet. Soc., **46**, No. 16, 1904, (13-14).

Sipirocus kolbei n. sp. **Gebien**, H. D. ent. Zs., Berlin, **1904**, (169).

Solskyia subperegrina n. sp. **Reitter**, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (49).

Sphenaria - Arten, Prioritätsfragen. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (21-25).

Stenocara jurgatrix n. sp. Namaqualand. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (227).

Stonarus n. subgen. (*Lobothorax*). **Reitter**, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (164).

Strongylium nn. spp. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (263-269).

Syrphetodes nodosalis n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (56).

Tenebrio molitor, développement embryonnaire de l'appendice du premier segment abdominal. **Selys-Lonchamps**, M. de. Bruxelles, Bul. Acad. roy., **1904**, (113-117, av. I pl.).

Tenebroides maroccanus var. *baillioti* n. var. **Léveillé**, A. Paris, Bul. soc. ent., **1903**, (190-191).

Trachymetus n. gen. **Reitter**, E. Brunn, Verh. Natf. Ver., **42**, (1903), 1904, (76).

Trachymotidius damarinus n. sp. Damara. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (234).

Trachymotus resolutus n. sp. Transvaal. **Péringuey**, L. l.c. (234).

Vutsinus nn. spp. Transvaal.
Péringuey, L. *l.c.* (252-254).

Xanthothopcia delagoae n. sp. Mozambique. **Péringuey**, L. *l.c.* (273).

Nyloborus crenipennis Motsch. to *Cherostus*. **Arrow**, G. J. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (32).

CISTELIDAE.

Cteniopus nn. spp. Kleinasien.
Reitter, E. Wr. Entomol. Ztg. Wien, **22**, 1903, (257-258); *C. koreanus* Seidl. var. *atricornis* n. var. Sibérie. **Pic**, M. Echange, Lyon, **20**, 1904, (25-27); *C. tokatensis* n. sp. Sibérie. **Pic**, M. *l.c.* (25-27).

Homotrysis ruficornis MacL., note as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (94).

Isomira arenaria n. sp. **Gerhardt**, J. D. ent. Zs., Berlin, **1904**, (366-368); Zs. Ent., Breslau, (N.F.), **29**, 1904, (79-82); *I. testaceicornis* n. sp. Sibérie. **Pic**, M. Echange, Lyon, **20**, 1904, (25-27).

Microeistela n. gen., *M. rosinae* n. sp. Sibérie. **Pic**, M. *l.c.* (25-27).

Synatractus variabilis MacL., note as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (93).

LAGRIIDAE.

Lagria nn. sp. Cape Colony. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (287-294).

AEQIALITIDAE.

GENERAL.

Wickham, H. F. On the systematic position of the Aeqialitidae. Canad. Ent., Toronto, **36**, 1904, (356-357).

SPECIAL.

Aeqialites, early stages, taxonomy. **Wickham**, H. F. Canad. Ent., Toronto, **36**, 1904, (57-60, pl. II).

MELANDRYIDAE.

Nuptes planatus Champ., note as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (94).

PYTHIDAE.

Lissodema hybridum Er., note as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (94).

Rhinosimus elephas n. sp. Tunisie. **Chobaut**, A. Paris, Bul. soc. ent., **1903**, (143).

PYROCHROIDAE.

Pyrochroa innotaticeps n. sp. (? var. de *cardinalis* Mem.). Sibérie. **Pic**, M. Echange, Lyon, **20**, 1904, (26).

ANTHICIDAE.

Anthicus nn. spp. N. America. **Casey**, T. L. Canad. Ent., Toronto, **36**, 1904, (320); A. nn. spp. Madagascar. **Pic**, M. Paris, Bul. soc. ent., **1902**, (334-337); A. nn. spp. **Pic**, M. Echange, Lyon, **20**, 1904, (12); A. nn. spp. Brésil. **Pic**, M. *l.c.* (44-45); A. (*Aulacoderus*) *mediofasciatus* n. sp., A. *bisbipartitus* var. *oneili* n. var. Afrique australe. **Pic**, M. Paris, Bul. soc. ent., **1903**, (183-185); A. *superbus*, variabilité. **Chobaut**, A. *l.c.* (170-171); A. *superbus*, A. *maculicollis*. **Pic**, M. *l.c.* (212-213); A. *tarifanus* n. sp. Spain. **Pic**, M. Echange, Lyon, **20**, 1904, (4).

Eucaenus n. gen., *E. coloradanus* n. sp. Colorado. **Casey**, T. L. Canad. Ent., Toronto, **36**, 1904, (318-319).

Falsoletolus n. subgen. Madagascar. **Pic**, M. Paris, Bul. soc. ent., **1903**, (143-146).

Formicomus elegans Lea, *F. obliquifasciatus* Lea, *F. posticalis* L., referred to *Anthicus*. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (95).

Hylophilus grandis n. sp. **Pic**, M. Echange, Lyon, **20**, 1904, (2-5, 9-10); *H. pygidialis* n. sp. Madagascar. **Pic**, M. Paris, Bul. soc. ent., **1903**, (12-13);

H. (Falsoletolus) semiopacus n. sp. Madagascar. **Pic, M. l.c.** (113-116).

Lepidoremus n. gen., *L. argenteus* n. sp. California. **Casey, T. L.** Canad. Ent., Toronto, **36**, 1904, (314-315).

Liobaudius n. gen., *L. subtropicus*, *L. lulinjensis*, *L. spectans*, Texas, *L. frontalis* Mexico nn. spp. **Casey, T. L. l.c.** (316-318).

Macratia nn. spp. Madagascar. **Pic, M. Paris, Bul. soc. ent., 1902,** (331-337).

Mezomotarsus caroli n. sp. Madagascar. **Pic, M. l.c.** (334-337).

Microtrachelus Brenske, description. **Péringuey, L.** Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (1-293, with 4 pls.).

Niptus hololeucus. **Israel, W.** Insektenbörse, Leipzig, **21**, 1904, (261); Falderm., der Messingkäfer. **Krancher, O. l.c.** (252-253); **Rudow. l.c.** (325).

Notorus martini n. sp. **Pic, M. Paris, Bul. soc. ent., 1903,** (79-83).

Ochthenomus impressiceps n. sp. Madagascar. **Pic, M. l.c. 1902,** (331-337).

Pedilus pallidipennis var. *lateobscurus* n. var. **Pic, M. l.c. 1903,** (79-83).

Scerptia nn. spp. Madagascar. **Pic, M. l.c. 1902,** (331-337); S. nn. spp. Madagascar. **Pic, M. l.c. 1903,** (12-13); S. (*Trochomilecomorpha*) *trifasciata* n. sp. Madagascar. **Pic, M. l.c.** (143-146).

Tomoderus nn. spp. Afrique australe. **Pic, M. l.c.** (183-185).

OEDEMERIDAE.

Dunerces bicolor n. sp. Australia. **Lea, A. M.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (100).

Oedemera amurensis Heyd. var. *obscurior* n. var. Sibérie. **Pic, M. Echange, Lyon, 20,** 1904, (25-27).

MORDELLIDAE [INCL. RHIPHI-PHORIDAE].

GENERAL.

Alluaud, C. Note sur les Rhiphporides de Madagascar, avec la diagnose d'une espèce nouvelle de Guinée. Paris, Bul. soc. ent., **1902,** (322-324),

SPECIAL.

Emenadia difficilis Blackb., note as to variation, 2 nn. spp. Australia. **Lea, A. M.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (96-97).

Eraniocera perthensis Blackb., note as to distribution, *E. gerstaeckeri* MacL., note as to clothing, *E. pallidipennis* n. sp. **Lea, A. M. l.c.** (98-99).

Macrosiagon nn. spp. **Alluaud, C. Paris, Bul. Soc. ent., 1902,** (322-324).

Mordella communis Wath. var. *trivialis* Wath., *fugitiva* Lea, *aemula* Lea, *raymondi* L., notes. **Lea, A. M.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (95).

Rhyssistena nn. spp. New Zealand. **Brown, T.** Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (59).

CANTHARIDAE.

GENERAL.

Pomerancev, D. Notes biologiques . . . coléoptères vivant sous les écorces et niles dans la sylviculture. (Russ.) Rev. russ. ent., Jaroslavl, **4**, 2 3, 1901, (85-89).

SPECIAL.

Cantharis (Telephorus) de la collection Rey. **Pic, M. Paris, Bul. soc. ent.,** (230-231); C. nn. var. **Pic, M. Echange, Lyon, 20,** 1904, (2); *C. conrexicollis* Fairm. var. *chapalieri* n. var. **Bourgeois, J. Paris, Bul. soc. ent., 1903,** (73-77); *C. ruddensis* n. sp. Sibérie. **Pic, M. Echange, Lyon, 20,** 1904, (25-27).

Decatomia nn. spp. Transvaal. **Péringuey, L. Cape Town, Ann. S. Afric. Mus., 3,** 1904, (231).

Lytta nn. spp. Transvaal. **Péringuey, L. l.c.** (286).

Meloe rhodesianus n. sp. Southern Rhodesia. **Péringuey, L. l.c.** (282).

Mylabris (Ceroctis) mosaubica n. sp. Mozambique. **Péringuey, L. l.c.** (283); *M. variabilis* Pall., ponte. **Da Buysson, R. Paris, Bul. soc. ent., 1902,** (284-286).

Paractenodia n. gen., *P. parva* n. sp. Cape Colony. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (285).

BRUCHIDAE.

Bruchus L., *Mylabris* Geoffr., synonymische Bemerkungen. **Schilsky**, J. D. ent. Zs., Berlin, **1904**, (455-456); *B. pisi*, description, habits, etc. **Rivera**, J. M. Rev. chilena, Valparaiso, **8**, 1904, (25-41).

Laria brachialis, nuisible aux plantes fourragères. **Marchal**, P. Paris, Bul. soc. ent., **1903**, (229).

CHRYSOMELIDAE.

GENERAL.

Jacoby, M. Another contribution to the knowledge of African phytophagous Coleoptera. London, Proc. Zool. Soc., **1904**, 1, (230-270, pl. XIII).

— et **Clavareau**, H. Coleoptera Phytophaga, fam. *Donaciidae*. In: Wytswan, Genera Insectorum, fasc. **21**, 1904, (1-14, with 1 pl.).

— — — — — Coleoptera Phytophaga, fam. *Crioceridae*. l.c. fasc. **23**, 1904, (1-40, with 5 pls.).

Lea, A. M. Notes on Australian and Tasmanian Cryptocephalides, with descriptions of new species. London, Trans. Ent. Soc., **1904**, (329-461, pls. XXII-XXVI).

Muir, F. and **Sharp**, D. On the egg-cases and early stages of some *Cassididae*. l.c. (1-24, pls. I-V).

Weise, J. . . . Hispiden aus Kamerun . . . Ark. Zool., Stockholm, **1**, 1-2, 1903, (61-63).

— — — — — Synonymische Bemerkungen über Hispiden. D. ent. Zs., Berlin, **1904**, (157).

SPECIAL.

Acanthodes nn. spp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (441-446).

Acanthonychia nn. spp. S. America. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (403-405).

Achaenops oncili n. sp. Cape Colony. **Jacoby**, M. l.c. 1, (249).

Aenidea nn. spp. Anamalais. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (401-403).

Agasicles n. gen., *Halticinae*, A. vittata n. sp. Peru. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (400-401).

Agetocera flava n. sp. Khasia Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (394-395).

Algoala n. gen. near *Melasoma*, A. fulvicollis n. sp. S. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (268).

Amblynetes n. gen. near *Syagrus* for A. morio n. sp. Africa. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (41-42).

Antipha nn. spp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (399-400).

Aplithona nigroscutellata n. sp. Galizien. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (81-82).

Apolepis indica n. sp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (385-386).

Apophyllia hebes n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (48); A. (*Malaxia*) *metallica* n. sp. Nilgiri and Khasia Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (397-398).

Asbeesta breviuscula n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (48).

Asphalesia tuta n. sp. **Weise**, J. l.c. (157-178).

Aspidomorpha, larvae and oothecae of several species described and figured. **Muir**, F. and **Sharp**, D. London, Trans. Ent. Soc., **1904**, (6-11); A. *sjöstedti* n. sp. Kamerun. **Spaeth**, F. Ark. Zool., Stockholm, **1**, 1-2, 1903, (176-177); A. *tojoensis* n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (57).

Atropidius robustus n. sp. Anamalais. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (383).

Basipta stolidus, larva and ootheca. **Muir**, F. and **Sharp**, D. London, Trans. Ent. Soc., **1904**, (7, 12, pls. II, V).

Blepharida nn. spp. Mexico. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, 406-407; *B. scripta* n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (52).

Brachycaulus nn. spp. Australia. **Lea**, A. M. London, Trans. Ent. Soc., **1904**, 416-447.

Bradamina n. gen., *B. plieicollis* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (268-269).

Cacoscelis abdominalis n. sp. Argentine. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1904, (520).

Cadmus nn. spp. Australia and Tasmania. **Lea**, A. M. London, Trans. Ent. Soc., **1904**, 449-454.

Callispa minima n. sp. Ceylon. **Gestro**, R. Firenze, Boll. Soc. entom., **34**, (1902, (trimestre 1^a-2^a), 1902, (50-60).

Casmenella n. gen., *C. natalense* n. sp. Natal. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (266).

Cassida nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (270-275); *C. corpulenta* n. sp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (173); *C. murraca*, neu für die finnische Fauna. **Nordström**, A. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (11-13); *C. sparsuta* n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (56); *C. unimaculata*, larva, *C. muirana* n. sp. **Muir**, F. and **Sharp**, D. London, Trans. Ent. Soc., **1904**, (13, 14, pl. V, fig. 26).

Cephalodonta nn. spp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (439-443).

Cephalotia nn. spp. **Weise**, J. l.e. (437-439).

Ceralces affinis n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (42).

Cerophysa nn. spp. Bengal, Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (396-397).

Chaetocnema belli n. sp. India. **Jacoby**, M. l.e. (392).

Chalcotampy rufinoda n. sp. Australia. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (106).

Chapuisia nn. spp. Cameroons. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1-2, 1903, (231-232, with pl.).

Charidotis nn. spp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (176-177).

Cheridella n. gen., *C. zambesiana* n. sp. Natal. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (265-266).

Chirida brevinsecula n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (55).

Chlamys nn. spp. Central and S. America. **Jacoby**, M. Entomologist, London, **1904**, (197-201); *C.* nn. spp. Venezuela, Mexico. **Jacoby**, M. l.e. (293).

Chrysomela mulsca n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (41).

Cleporus nn. spp. Pondicherry. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (388).

Coelenomenodera sculptipennis n. sp. Madagascar. **Fairmaire**, L. l.e. (269).

Coenobius hauseri n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (39); *C. melanocephalus* n. sp. Mashonaland. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (248).

Colaspisoma, synonymy and nn. spp. Africa. **Jacoby**, M. l.e. (258-262); *C.* nn. spp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (39-40); *C. camerunense* n. sp. Cameroons. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1-2, 1903, (229-230, with pl.).

Coptocycla nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (276); *C.* nn. spp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (174-175); *C. (?) camerunensis* n. sp. **Spaeth**, F. Ark. Zool., Stockholm, **1**, 1-2, 1903, (178-179).

Corynodes clypeatus n. sp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (389); *C. plagiatus* n. sp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (162).

Crepidodera longicornis n. sp. Peru. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (H12).

Crioceris nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (262-263); *C. fasciata* n. sp. **Weise**, J. Arch. Natg.,

Berlin, **70**, Bd 1, 1904, (158); *C. nn. spp.* Malabar. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (381-382).

Cryptocephalus, synonymische Bemerkungen. **Weise**, J. D. ent. Zs., Berlin, **1904**, (16); *C. nn. spp.* Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (264-268); *C. nn. spp.* Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (212-247); *C. nn. spp.* Australia and Tasmania. **Lea**, A. M. London, Trans. Ent. Soc., **1904**, (392-424); *C. nn. spp.* Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (37-38); *C. nn. spp.* **Weise**, J. l.c. (159-160); *C. quinque-punctatus*, capture à Soisy-sur-Ecole (Seine et Oise). **Bourgoin**, A. Paris, Bul. soc. ent., **1902**, (258); *C. raddei: rosinae* n. subsp. *C. mannerheimi* nn. var. Sibérie. **Pic**, M. Echange, Lyon, **20**, 1904, (27); *C. subcostatus* n. sp. Anamalais. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (382-383).

Ctenochira aberrata n. sp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (176).

Cyanaspis n. gen., *C. testaceicornis* n. sp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (433-434).

Cynorta nigrobasalis n. sp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (400-401).

Dactylispa nn. spp. Ceylon. **Gestro**, R. Firenze, Boll. Soc. Entom., **34**, (1902), (trimestre, 1°-2°), 1902, (50-60); *D. nn. spp.* **Weise**, J. D. ent. Zs., Berlin, **1904**, (450-452).

Damia nn. spp. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (239, 240); *D. tibialis* n. sp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (158).

Decatelia n. gen., *D. lema* n. sp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (435-436, 452).

Demolina nn. spp. India. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (383-384).

Desmogranma nigripes n. sp. Argentine. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1904, (517).

Diabrotica nordenskiöldi n. sp. Argentine. **Jacoby**, M. l.c. (521-522).

Dianlichus foveiventris n. sp. W. Australia. **Lea**, A. M. London, Trans. Ent. Soc., **1904**, (425).

Diapromorpha hauseri n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (35).

Dioryctus laetus n. sp. **Weise**, J. l.c. (157-178).

Disonycha nn. spp. S. America. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (401-402).

Echtrusia capensis n. sp. Cape Colony. **Jacoby**, M. l.c. 1, (264).

Epitrix aeneicollis n. sp. Argentine. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1904, (519-520); *E. cucumeris*, habits. **Chittenden**, F. H. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (96).

Eriotica perforata n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (53).

Eubrachys oncii n. sp. S. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (263).

Eumolpus vitis. **Behrens**, J. Wochensbl. landw. Ver. Baden, Karlsruhe, **1901**, (505-506); *E. vitis* als Traubenschädiger. **Stengele**, l.c. (327).

Enphitrea indica n. sp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (391).

Eurydemus nn. spp. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (249-250).

Euryope barkeri n. sp. Natal. **Jacoby**, M. l.c. (258); *E. säuberlichii* n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (41).

Fidia riticida, life history. **Felt**, E. P. Albany Univ., N. Y., Bull. St. Mus., No. **72**, 1903, (55 + 3 l., incl. cov., with pl., (partly col.), text-fig.); *F. riticida*, treatment. **Slingerland**, M. V. and **Craig**, J. Agric. Exp. Sta., New York, Cornell Station, Ithaca, Bull., No. **208**, 1902, (173-200, with 8 pls., 2 figs.); [review] Washington, D.C., U. S. Dept. Agric. Off. Exp. Sta. Rec., **14**, 1903, (888).

Galerna sexcostata n. sp. Cashmere. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (405-406).

Galerucella interrupta n. sp. Argentine. **Jacoby, M.** Ark. Zool., Stockholm, **1**, 1901, (523-524); *G. luteola* in New York. **Felt, E. P.** Albany Univ., N.Y., Bull. St. Mus., No. **57**, 1902, (43, with text-fig., pl. (partly col.), map).

Monophora tajrobanac n. sp. Ceylon. **Gestro, R.** Firenze, Boll. Soc. entom., **34**, (1902), (trimestre 1-2^o), 1902, (50-60).

Gynandrophthalma nn. spp. S. Africa. **Jacoby, M.** London, Proc. Zool. Soc., **1904**, **1**, (240-242).

Haltica boliriana n. sp. Bolivia and Argentine. **Jacoby, M.** Ark. Zool., Stockholm, **1**, 1901, (517-518).

Haplosoma nilgiriensis n. sp. India. **Jacoby, M.** Bruxelles, Ann. Soc. ent. Belgique, **43**, 1901, (396).

Haptoseleis melanocephala Panz. var. *ballica*. **Weise, J.** D. ent. Zs., Berlin, **1904**, (368).

Hermesia varicolor n. sp. Argentine. **Jacoby, M.** Ark. Zool., Stockholm, **1**, 1901, (514-515).

Hippuriphila catharinae n. sp. Brazil. **Jacoby, M.** London, Proc. Zool. Soc., **1904**, **2**, (412).

Hispa acnesiensis from Formosa island, external characters. (Japanese) **Onugi, S.** Konch. Sek., Gifu, **8**, 1901, (443-445); *H. aurichalcea* n. sp. **Weise, J.** Arch. Natg., Berlin, **70**, Bd 1, 1901, (171); *H. opaca* n. sp. **Weise, J.** D. ent. Zs., Berlin, **1904**, (448).

Horatopyga reinecki n. sp. **Weise, J.** Arch. Natg., Berlin, **70**, Bd 1, 1901, (163).

Hyperaxis variegata n. sp. India. **Jacoby, M.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (385).

Hypocassida flavescens n. sp. Afrika. **Weise, J.** Arch. Natg., Berlin, **70**, Bd 1, 1901, (56).

Isnus suturalis n. sp. Natal. **Jacoby, M.** London, Proc. Zool. Soc., **1904**, **1**, (248).

Jacobyia viridis n. sp. **Weise, J.** Arch. Natg., Berlin, **70**, Bd 1, 1901, (167).

Jamesonia evanescens n. sp. Afrika. **Weise, J.** l.c. (54).

Khasia andrevesi n. sp. Nilgiri Hills. **Jacoby, M.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (398-399).

Laccoptera cecarata, larva and ootheca. **Muir, F.** and **Sharp, D.** London, Trans. Ent. Soc., **1904**, (8, 15).

Lactica nn. spp. Central America. **Jacoby, M.** London, Proc. Zool. Soc., **1904**, **2**, (396-399).

Leferrea fulvicollis n. sp. Natal. **Jacoby, M.** l.c. 1, (263).

Lema nn. spp. Cameroons. **Jacoby, M.** Ark. Zool., Stockholm, **1**, 1-2, 1903, (226-228, with pl.); *L.* nn. spp. Africa. **Jacoby, M.** London, Proc. Zool. Soc., **1904**, **1**, (230-235); *L. crispifrons* n. sp. Madagascar. **Fairmaire, L.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (261-262); *L. paradoxa* n. sp. India. **Jacoby, M.** l.c. (380-381).

Leptispa nn. spp. **Weise, J.** D. ent. Zs., Berlin, **1904**, (436).

Liniscus interstitialis n. sp. Beira. **Jacoby, M.** London, Proc. Zool. Soc., **1904**, **1**, (254).

Longitarsis nn. spp. India. **Jacoby, M.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (389-390).

Loxopleurus nn. spp. Australia and Tasmania. **Lea, A. M.** London, Trans. Ent. Soc., **1904**, (430-444).

Luperodes impressus n. sp. Afrika. **Weise, J.** Arch. Natg., Berlin, **70**, Bd 1, 1901, (49); *L. lateralis* n. sp. Solomon Islands. **Jacoby, M.** Entomologist, London, **1904**, (296); *L. obesa* n. sp. Nilgiris. **Jacoby, M.** Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (398).

Luperus nn. spp. Afrika. **Weise, J.** Arch. Natg., Berlin, **70**, Bd 1, 1901, (16-17).

Maetes nn. spp. Natal. **Jacoby, M.** London, Proc. Zool. Soc., **1904**, **1**, (257).

Mastostethus nn. spp. S. America. **Jacoby, M.** Entomologist, London, **1904**, (63-67).

Megalognatha nn. spp. **Weise, J.** Arch. Natg., Berlin, **70**, Bd 1, 1901, (168-169).

Menius brevicornis n. sp. Beira. **Jacoby, M.** London, Proc. Zool. Soc., **1904**, **1**, (251).

Miltinaspis n. gen. = *Cephalotia cassidioides* (Guér. **Weise**, J. D. ent. Zs., Berlin, **1904**, (133-152).

Minastra nn. spp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (395-396).

Miopristis nn. spp. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (236-237).

Monolepta nn. spp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (403-405); *M. famularis* n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (51).

Mouhotina salomonensis n. sp. Solomon Islands. **Jacoby**, M. Entomologist, London, **1904**, (295).

Nerisella n. gen., *Pseudocolaspinae*, *N. curculionoides* n. sp. Zambesi. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (267).

Nerissus viridipennis n. sp. Cameroons. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1-2, 1903, (228, with pl.).

Nisotra corpulenta n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (51); *N. sjöstedti* n. sp. Cameroons. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1-2, 1903, (230, with pl.).

Nodonota argentinensis n. sp. Argentine. **Jacoby**, M. l.c. (515-516).

Nodostoma camerunense n. sp. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (253); *N. fulvicorne* n. sp. India. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (387).

Nyetiphantus bergi n. sp. **Semenov**, V. St. Petersburg, Hor. Soc. Ent. Ross., **37**, 1901, (191-196).

Odontionycha sublesta n. sp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (173).

Oides kanaraensis n. sp. Kanara. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (393-394); *O. straminea* n. sp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (166).

Orygona nn. spp. S. America. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (111).

Paulurus n. gen., *P. nilgiriensis* n. sp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (392-393).

Pausiris nn. spp. S. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (255-256).

Phaseus bicolor n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (39).

Phaulosis n. gen. (~ *Timarcha*), *P. aeneipennis* n. sp. **Weise**, J. l.c. (162-163).

Phyasiasia acutangula n. sp. Afrika. **Weise**, J. l.c. (54); *P. nigripennis* n. sp. Anamalais. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (391-392).

Phyllotreta nn. spp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (170).

Plagioderia subparallela n. sp. **Weise**, J. l.c. (164).

Prasona peruriana n. sp. Marcapata. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (407).

Probaenia n. gen. **Weise**, J. D. ent. Zs., Berlin, **1904**, (447).

Prosmidia nn. spp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (165).

Pseudirongius apicicornis n. sp. Natal. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (253).

Pseudocolaspis substriata n. sp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (100).

Pseudogona nn. spp. S. America. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (409-410); *P. argentinensis* n. sp. Argentina. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1901, (520-521).

Rhembastus sjöstedti n. sp. Cameroons. **Jacoby**, M. l.c. 1-2, 1903, (228-229, with pl.).

Sagra humeralis n. sp. Tonkin. **Jacoby**, M. Entomologist, London, **1904**, (294); *S. senegalensis*, Männchen oder Weibchen? **Jacoby**, M. Insektenbörse, Leipzig, **21**, 1904, (301).

Seelodonta nn. spp. S. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (261, 266).

Schizosternus nn. spp. Australia. **Lea**, A. M. London, Trans. Ent. Soc., **1904**, (426-427).

Sclerophaedon orbicularis Suffr. **Weise**, J. D. ent. Zs., Berlin, **1904**, (47-48).

Sebaethe pallidicincta n. sp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (390-391).

Sindiola (Aspidomorpha) parallelipennis n. sp. Birma. **Spaeth**, E. Entomol. Tidskr., Stockholm, **24**, 1903, (111-112, with pl.).

Sophracnella n. gen., *S. fulva* n. sp. Amazons. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (105-106).

Stigmomela n. nom. = *Stictomela*. Weise. **Csiki**, E. W. Entomol. Ztg, Wien, **23**, 1904, (85).

Syagrus nn. spp. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (251-252).

Sybraeus picipes n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (263-264).

Systema nn. spp. S. America. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (408-409).

Terpmochlorus n. gen., *T. perrieri* n. sp. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (269).

Thoracispa brunni n. sp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (149).

Timarchella n. gen. near *Timarcha*, *T. braunsi* n. sp. Cape Colony. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (268-269).

Titubaea nn. spp. Africa. **Jacoby**, M. l.c. (238-239).

Trichotheca durivieri n. sp. Anamalais. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (386).

Tricliona sulcipennis n. sp. India. **Jacoby**, M. l.c. (388-389).

Vitravia n. gen., *V. glabripennis* n. sp. Cameroons. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1-2, 1903, (232-233).

Csiki, E. Die Cerambyceiden Ungarns. (Ungarisch) Rovart. L., Budapest, **11**, 1904, (35-39, 56-60, 79-83, 98-101, 122-123, 135-141, 166-170, 187-190, 208-210).

Lameere, A. Observations sur l'usage des sillons tibiaux chez les Lamides. Paris, Bul. soc. ent., **1902**, (265-266).

——— Revision des Prionides. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (7-78).

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SPECIAL.

Agaleptus n. gen. for *Oosteromerus quadrimotatus* Pér. **Gahan**, J. C. In: Distant, Insect. Transvaal, London, **1**, 1904, (122).

Aliturnus fuscus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (254).

Anausesis simplex n. sp. Brit. E. Africa. **Jordan**, K. Nov. Zool., Tring, **11**, 1901, (365).

Anisogaster brunneus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (251-255).

Anobium n. gen., *A. oberthüvi* n. sp. Bolivie. **Belon**, P. R. Paris, Bul. soc. ent., **1902**, (333-334).

Anoplites jacobsoni n. sp. Turkestan. **Baekmann**, J. Rev. Russ. Ent., Jaroslavl, **4**, 1904, (311-312).

Arctobamia fruhstorferi n. sp. Tonkin. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **23**, 1902, (208-209).

Artelida caligata n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (255).

Bangalaia callosa n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (273).

Bisaltus bimaculatus n. sp. Bolivia. **Aurivillius**, C. l.c. **25**, 1904, (207-208).

Bothynoscelis n. gen., *B. tridentata* n. sp. Kamerun. **Aurivillius**, C. l.c. **24**, 1903, (270-271, with pl.).

Cacia triangulifera n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (2-46).

CERAMBYCIDAE.

GENERAL.

Aurivillius, C. Neue oder wenig bekannte Coleoptera longicornia. I. Entomol. Tidskr., Stockholm, **23**, 1902, (207-224, with pl.).

Bickhardt, H. Einiges über das Sammeln der Cerambyciden. Ent. Zs., Guben, **18**, 1904, (81-83).

Caedomaca nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (259-260).

Caenoptera marmottani, description de la larve. **Lavagne**, H. Echange, Lyon, **17**, 1902, (72-73).

Calanthemis hauseri n. sp. Brit. E. Africa. **Jordan**, K. Nov. Zool., Tring, **11**, 1901, (364).

Callergates n. subgen. (*Ergates*) for *E. gaillardoti* Chevrol. **Lameere**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (47).

Callichroma nn. spp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (262-263).

Callidium (*Lioderes*) *türki* Ganglb., synonyme. **Pic**, M. Paris, Bul. soc. ent., **1903**, (127-129).

Callipogon nn. spp. Mexique, Porto Rico, Pérou. **Lameere**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (56-57, 60-61, 66).

Callomegas n. subgen. (*Callipogon*) for *Prionus scriceus* Oliv. **Lameere**, A. l.c. (61-65).

Calloptophora fruhstorferi n. sp. Tonkin. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **23**, 1902, (209).

Calocyclus krantzi n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal, London, **1**, 1901, (123, pl. XI, fig. 19).

Carnadeus quadrimodosa n. sp. Columbia. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **23**, 1902, (224).

Cerambyx cerdo, Häufigkeit im Scheitniger Park während der Sommermonate. **Dittrich**, [R.]. Zs. Ent., Breslau, (N.F.), **28**, 1903, (XVII).

Chariesthes tripunctata n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (274, with pl.).

Closteromerus regalis n. sp. Transvaal. **Distant**, W. L. Insect. Transvaal., London, **1**, 1901, (121, pls. X, XI, fig. 7).

Clytus rhamni var. *longicollis* Dobrutsch. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1901, (81-82).

Cochliopelaphus catherina var. *mari-corensis* n. var. **Distant**, W. L. Insect. Transvaal., London, **1**, 1901, (111).

Colobothea nn. spp. S. America. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **23**, 1902, (209-223).

Coptoeme n. gen., *C. oculata*, *C. triguttata* nn. spp. Africa. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1901, (313, 314).

Cordylomera cylindricollis n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (261); *C. elegans* n. sp. Transvaal. **Distant**, W. L. Insect. Transvaal., London, **1**, 1901, (115, pl. X, fig. 6).

Crossotus bimaculatus n. sp. East Africa. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1901, (323-324); *C. hovanus* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (257); *C. penicillatus* n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1901, (146, pl. XIV, fig. 10).

Cryptocris n. gen., *C. fulvicornis* n. sp. East Africa. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1901, (321-323, with pl.).

Dere nigrita n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1901, (124, pl. XI, fig. 22).

Derechinus delatouchei n. sp. Chine. **Fairmaire**, L. Paris, Bul. soc. ent., **1902**, (316-318).

Derolus brunneipennis n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1901, (113, pl. X, fig. 5).

Desmiphora grisea n. sp. Bolivia. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **25**, 1901, (208).

Diadelia atmosparsa n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (260).

Didymodonta n. gen., *D. olivaceus* n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (271-272, with pl.).

Dityloderus (?) *balteatus* n. sp. Africa. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1901, (316-317).

Domitia nitidissima n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (269).

Dorcadion neilense and its allies. **Nicholas**, A. Zaragoza, Bol. Soc. Arag., **3**, 1901, (35-40).

Eniretta cripta n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1901, (152, pl. XV, fig. 7).

Erlandia n. gen., *E. inopinata* n. sp. Bolivia. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **25**, 1901, (205-207).

Eugoides n. gen. near *Eugoa*. *E. coerulescennis* n. sp. Africa. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1901, (314-315).

Eumimetes nn. spp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (277-278, with pl.).

Euridia nn. spp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1901, (149-151).

Exocentrus nn. spp. Transvaal. **Gahan**, C. J. l.c. (155-156).

Frea reticulata n. sp. S. Africa. **Distant**, W. L. l.c. (141, pl. XIV, fig. 4).

Glenea nn. spp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (280, with pl.); Ark. Zool., Stockholm, **1**, 1901, (324-328, with pl.).

Heeyrida plagicollis n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1903, (147, pl. XV, fig. 5).

Hercodera pulchella n. sp. Transvaal. **Gahan**, C. J. l.c. (115, pl. X, fig. 24).

Hoplorama perrieri n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (258-259).

Hylocrites aureovittatus n. sp. Africa. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1901, (316).

Icariotes albocutata n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (255).

Idactus fasciculosus n. sp. Africa. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1901, (318-319).

Lentalius n. gen., *L. obliquepictus* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (256-257).

Leptura fulva in South Sweden. **Muchardt**, H. Entomol. Tidskr., Stockholm, (x 2-5658).

holm, **23**, 1902, (27); *L. maculata*, Tonapparat (Stridulationsorgan). **Scholz**, R. Insektenbörse, Leipzig, **21**, 1901, (268-269); *L. rubra* L. ♂, Hermaphrodit. **Bickhardt**, H. D. ent. Zs., Berlin, **1904**, (303).

Lioleres bodemeyeri Reitt (1903), synonyme. **Pic**, M. Paris, Bul. soc. ent., **1903**, (127-129).

Lygosomus n. gen., *L. mirabilis* n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24** 1903, (265-267, with pl.).

Lygrys testaceus n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., **1**, 1901, (109, pl. X, fig. 9).

Lyramela n. gen. near *Lygrys*, *L. sulcicennis* n. sp. Transvaal. **Gahan**, C. J. l.c. (109-110).

Marocaulus granicollis n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (254).

Mecotagus rufulospersus n. sp. Mouy-Tsé. **Fairmaire**, L. Paris, Bul. soc. ent., **1902**, (266-269).

Metallichroma n. gen., *M. excellens* n. sp. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (263-265, with pl.).

Mimocryptops bipenicillatus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. soc. ent. Belgique, **48**, 1901, (256).

Monochamus nn. spp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (267-268).

Murosternum maculatum n. sp. Kamerun. **Aurivillius**, C. l.c. (275, with pl.).

Myrsinus n. gen., *M. modestus* n. sp. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1901, (116, pl. X, fig. 21).

Nemophas helleri n. sp. **Hauser**, G. D. ent. Zs., Berlin, **1904**, (12).

Neopolyarthron n. subgen. (*Prionus*) **Semenov**, A. Rev. russ. ent., Jaroslavl **4**, No. 1, 1901, (37-39).

Niearete nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (257-258).

Niphoparmena n. gen. near *Myccrinodes*. *N. bispinosa* n. sp. Africa. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1901, (318).

Obereopsis linearis n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (282).

Oemida n. gen. for *Paroeme gahani* Dist. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1904, (106).

Oemodana n. gen., *O. quadrinotata* n. sp. Lydenburg. **Gahan**, C. J. l.e. (107, pl. XIII, fig. 5).

Olenecamptus nubilus n. sp. Brit. E. Africa. **Jordan**, K. Nov. Zool., Tring, **11**, 1904, (365); *O. olenus* n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1904, (143, pl. XIV, fig. 1).

Oneideres stillata n. sp. Bolivia. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **25**, 1904, (208).

Pachydissus pauper n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1904, (113, pl. X, fig. 8).

Peritragus n. gen. near *Tragyscoschema* and *Spilotragus*. *P. nigroapicalis* n. sp. East Africa. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1904, (320-321).

Phantasis mystica n. sp. Transvaal. **Distant**, W. L. Insect. Transvaal., London, **1**, 1904, (127, pl. XI, fig. 13).

Planodes stratus n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **2**, Nr. 5, 1901, (1-46).

Poemonesperus niveicollis n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (275-276, with pl.).

Praonetha nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (260-261).

Prosopocera cylindrica n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (272); *P. erli* n. sp. Africa. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1904, (319).

Psathyrus suturalis n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1904, (107, pl. XIII, fig. 1).

Sanguaristoma maculata n. sp. Brasilien. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **23**, 1902, (223-224).

Saperda, monograph of the genus, *S. imitans* n. sp. **Felt**, E. P. and **Joutel**, L. H. Albany Univ., N.Y., Bull. St.

Mus., No. **74**, 1904, (86 + 3 l., incl. cover, with pl. (partly col.), text fig.).

Somatidia testudo n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (127).

Sophonicea fulvicollis n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1904, (154, pl. XV, fig. 15).

Sphenura semiluctuosa n. sp. Mouy-Tsé. **Fairmaire**, L. Paris, Bul. soc. ent., **1902**, (266-269).

Sternotomis carbonaria n. sp. Africa. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1904, 320; *S. euehroma* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (255-256).

Strangalia mirabilis n. sp. Tonkin. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **23**, 1902, (207-208).

Symnysertia gracilis n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (281-282).

Tapinolachnus aurivillianus n. sp. Transvaal. **Distant**, W. L. Insect. Transvaal., London, **1**, 1904, (112, pl. IX, fig. 15).

Thetiscus caudatus n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (278-279, with pl.).

Timoreticus imbellis n. sp. Transvaal. **Gahan**, C. J. In: Distant, Insect. Transvaal., London, **1**, 1904, (132, pl. XII, fig. 1).

Torrentes pascoei n. sp. Australie. **Lameere**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (21-23).

Tragocephala gemina n. sp. Transvaal. **Distant**, W. L. Insect. Transvaal., London, **1**, 1904, (136, pl. XII, fig. 13).

Zamium laericolle n. sp. Brit. E. Africa. **Jordan**, K. Nov. Zool., Tring, **11**, 1904, (364).

ANTHRIBIDAE.

GENERAL.

Jordan, K. American *Anthribidae*. Nov. Zool., Tring, **11**, 1904, (212-339).

SPECIAL.

- Accrymus* nn. spp. **Jordan, K.** Nov. Zool., Tring, **11**, 1904, [232].
- Allantrus indistinctus* n. sp. Bolivia. **Jordan, K.** l.c. (242).
- Anthrenosoma* n. gen., *A. bohlsi*, *A. tibialis*, *A. gounellei* nn. spp. **Jordan, K.** l.c. (282).
- Anthrribus* nn. spp., nn. subspp. Oriental. **Jordan, K.** l.c. (235); *A.* nn. spp. S. America. **Jordan, K.** l.c. (296-300); *A. planatus* n. sp. Gold coast. **Jordan, W. K.** l.c. (239).
- Apoleta* nn. spp. Oriental. **Jordan, K.** l.c. (236-237).
- Ascmorhinus sportella* n. sp. Sumatra, Borneo. **Jordan, K.** l.c. (234).
- Barra* n. gen., *B. gounellei* n. sp. **Jordan, K.** l.c. (275).
- Blaberops* n. gen. near *Blaberus*, *B. macrocerus* n. sp. Usambara. **Jordan, K.** l.c. (239).
- Caccorhinus obscurus* n. sp. Celebes. **Jordan, K.** l.c. (236).
- Corrhecerus* nn. spp. S. America. **Jordan, K.** l.c. (271).
- Dasyrhopala* n. gen. near *Discotenes*, *D. tarsalis* n. sp. Brazil. **Jordan, K.** l.c. (272).
- Discotenes consors* n. sp. Peru. **Jordan, K.** l.c. (272).
- Domoptolis* n. gen. for *Gymnognathus menetriesi* Boh. **Jordan, K.** l.c. (252).
- Epitaphius lunatus* n. sp. E. Africa. **Jordan, K.** l.c. (240).
- Erotlyopsis* n. gen. near *Euparius*, *E. pujoli* n. sp. Brazil. **Jordan, K.** l.c. (308-309).
- Eucylotropis* n. gen. near *Discotenes*, *E. striata*, *E. pustulata* nn. spp. S. America. **Jordan, K.** l.c. (308-309).
- Eugonops* n. gen. near *Eugonys*, *E. brevirrostris*, *E. marmoreus* nn. spp. Brazil. **Jordan, K.** l.c. (302-303).
- Eugonops* n. gen., *E. clericus*, *E. germani* nn. spp. S. America. **Jordan, K.** l.c. (285).
- Eugonys* nn. spp. S. America. **Jordan, K.** l.c. (300-301).
- Euparius* nn. spp. S. America. **Jordan, K.** l.c. (303-308).
- (x 2-5658)
- Euphlocobius* n. gen. near *Phloeobius*, *E. asellus* n. sp. E. Africa. **Jordan, K.** l.c. (239).
- Eusphyrus* nn. spp. S. America. **Jordan, K.** l.c. (290-291).
- Erechontis* n. gen. near *Gibber*, *E. sparsa* n. sp. Brazil. **Jordan, K.** l.c. (283-284).
- Goniocloeus* n. gen., *G. apicalis*, *G. baccatus*, *G. capucinus*, *G. hirsutus*, *G. melas*, *G. minor*, *G. tarsalis*, *G. umbrinus* nn. spp. **Jordan, K.** l.c. (260-261).
- Gymnognathus* nn. spp. S. America. **Jordan, K.** l.c. (242-251).
- Habrissus tonkinianus* n. sp. Tonkin. **Jordan, K.** l.c. (234).
- Homocloeus* n. gen., *H. concolor*, *H. dorsalis*, *H. femoralis*, *H. restitus* nn. spp. S. America. **Jordan, K.** l.c. (264-266).
- Lagoceus lugubris* n. sp. Rio de Janeiro. **Jordan, K.** l.c. (275).
- Litocerus sticticus* n. sp. Tonkin. **Jordan, K.** l.c. (233).
- Mecocerus callosus* n. sp. Tonkin. **Jordan, K.** l.c. (231); *M. hauseri* n. sp. West Africa. **Jordan, K.** l.c. (238).
- Mecotropis cylindricus* n. sp. Tonkin. **Jordan, K.** l.c. (230).
- Monocloeus* n. gen., *M. annulipes*, *M. basalis*, *M. centralis*, *M. costatus*, *M. elaphrinus*, *M. idaeus*, *M. niger*, *M. rhombifer*, *M. sordidus*, *M. spiniger* nn. spp. S. America. **Jordan, K.** l.c. (255-260).
- Nemorichus* nn. subspp., nn. spp. S. America. **Jordan, K.** l.c. (269-270).
- Nessiara* nn. spp. Tonkin. **Jordan, K.** l.c. (233-234).
- Ormiscus*, synonymy, classification and nn. spp. S. America. **Jordan, K.** l.c. (286-290).
- Orthotropis* n. gen. near *Gymnognathus*, *O. quadrata* n. sp. Brazil. **Jordan, K.** l.c. (254).
- Paranthribus* n. gen., *P. rufescens* n. sp. Bahia. **Jordan, K.** l.c. (283).
- Parexillis* n. gen., *P. lineatus* n. sp. Brazil. **Jordan, K.** l.c. (284-285).
- Phaenithon* nn. spp. S. America. **Jordan, K.** l.c. (292-295).
- Phloeobius* nn. spp. E. Africa. **Jordan, K.** l.c. (240, 241).

Physopterus oculatus n. sp. Tonkin.
Jordan, K. l.c. (231).

Piezocorynus nn. spp. S. America.
Jordan, K. l.c. (277-280),

Piezonemus n. gen. near *Piezocorynus*, *P. durus*, *P. lateralis* nn. spp. Brazil. **Jordan, K. l.c.** (275-276).

Scymnopsis n. gen., *S. suturalis* n. sp. Bolivia. **Jordan, K. l.c.** (242-309).

Strabops n. gen. near *Gymnognathus*. *S. insignis* n. sp. Amazons. **Jordan, K. l.c.** (253).

Sympaceton fruhstorferi n. sp. Tonkin. **Jordan, K. l.c.** (233).

Trachytropis n. gen., *T. asper* n. sp. Mexico. **Jordan, K. l.c.** (266).

Urodon nn. spp. Algier, Buchard, Anatolien. **Schilsky, J. Wr. Entomol. Ztg, Wien, 23, 1904, (78).**

Xenocerus lautus n. sp. Tonkin. **Jordan, K. Nov. Zool., Tring, 11, 1904, (230).**

CURCULIONIDAE.

GENERAL.

Champion, G. C. Coleoptera. *Curculionidae*. Biol. centr.-amer., London, Vol. 4, Pt. 4, **1904, (313-140, pls. XVII-XXI).**

Enderlein, G. Die Rüsselkäfer der Crozet-Inseln, nach dem Material der deutschen Südpolar - Expedition. 4. Beitrag zur Kenntnis der antarktischen Fauna. Zool. Anz., Leipzig, **27, 1904, (668-675).**

Fleutiaux, E. Observation biologique. Paris, Bul. soc. ent., **1903, (167).**

Petri, K. Monographie des Coleopteren-Tribus Hyperini. [Nagyszében], 1901, (IV + 210, mit 3 Taf. 58 Text figs).

Porta, A. Sulla filogenia degli Scarabeidi e dei Curculionidi. Modena, Atti Soc. nat. mat. (Ser. 4), **4, (Anno 35°, 1901), 1902, (1-6, con 1 tab.).**

Vitale, F. Osservazioni su alcune specie di Rincofori messinesi. Nota 1^a. Riv. ital. sc. nat., Siena, **22, 1902, (115-118, 140-143, 153-155).**

SPECIAL.

Acalyptops (Anthonominorum) n. gen., *A. ornatus* n. sp. East Africa. **Hartmann, F. D. ent. Zs., Berlin, 1904, (400-401).**

Achymus tessellatus n. sp. Madagascar. **Fairmaire, L. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (243).**

Adosomus n. gen. **Faust, J. D. ent. Zs., Berlin, 1904, (188-236).**

Alcides albopictus n. sp. Madagascar. **Fairmaire, L. Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (247-248).**

Aloplus nn. spp., nn. varr. Ungarn, Bosnien, Griechenland etc. **Reitter, Wr. Entomol. Ztg, Wien, 20, 1901, (203-214).**

Amblysomus n. gen. **Faust, J. D. ent. Zs., Berlin, 1904, (185, 204).**

Anchithyrus nn. spp. Celebes. **Heller, K. Dresden, Abh. zool. Mus., 9, Nr. 5, 1901, (1-46).**

Anthonomus grandis. Nation. Geog. Mag., Washington, D.C., **15, 1904, (262-261);** enemy of. **Cook, O. F. Science, New York, N.Y., (N. Ser.), 19, 1904, (862-864); l.c. 20, 1904, (666-670);** from Texas and Louisiana. **Hunter, W. D. Washington, D.C., U. S. Dept. Agric. Farm. Bull., No. 189, 1904, (31).**

Aparotopus n. gen. for *Pachycerus eribrosus* Fairm. **Faust, J. D. ent. Zs., Berlin, 1904, (190).**

Aphanomastix n. gen., *A. cryptophodus* n. sp. Kamerun. **Heller, K. M. Entomol. Tidskr., Stockholm, 25, 1904, (196-199, with pl.).**

Aphymerus n. gen. *Menemachinorum*, *A. obliquus* n. sp. East Africa. **Hartmann, F. D. ent. Zs., Berlin, 1904, (409).**

Apion nn. spp. East Africa. **Hartmann, F. l.c. (392-395); A. nn. spp. Turkestan, Russisch-Armenien, Herzogowina. Reitter, E. Wr. Entomol. Ztg, Wien, 20, 1901, (226-229).**

Apsophus n. gen. (*Menemachinorum*), *A. fasciatus* n. sp. East Africa. **Hartmann, F. D. ent. Zs., Berlin, 1904, (107-108).**

Aramigus fulleri, life history. **Maskeu, F. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. 44, 1904, (46-50).**

Asinocleonus n. subgen. **Faust, J.** D. ent. Zs., Berlin, 1904, (221).

Asiatus n. gen., *A. cristulicollis* n. sp. Madagascar. **Fairmaire, L.** Bruxelles, Ann. Soc. ent. Belgique, 48, 1901, (219).

Atactogaster n. gen., *A. insularis*, *A. suspectus*, *A. finitimus* nn. spp. **Faust, J.** D. ent. Zs., Berlin, 1904, (230, 251).

Atactoglymma n. gen., *A. spinipes* n. sp. Celebes. **Heller, H.** Dresden, Abh. zool. Mus., 9, Nr. 5, 1901, (1-16).

Bacosomus n. gen. near *Bantrades* for *B. taenitus* n. sp. New Zealand. **Broun, T.** Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1901, (118).

Bayous fastosus n. sp. East Africa. **Faust.** In: **Hartmann, F.** D. ent. Zs., Berlin, 1904, (391); *B. striatulus* n. sp. Madagascar. **Fairmaire, L.** Bruxelles, Ann. Soc. ent. Belgique, 48, 1901, (211).

Balaninus spp., *B. victoriensis* n. sp. **Chittenden, F. H.** Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. 44, 1904, (24-29, with text-fig.).

Baris distinguenda n. sp. Madagascar. **Fairmaire, L.** Bruxelles, Ann. Soc. ent. Belgique, 48, 1901, (251); *B. minima* n. sp. East Africa. **Hartmann, F.** D. ent. Zs., Berlin, 1904, (114); *B. morio* Boh. **Reinecke, W.** Ent. Zs., Guben, 17, 1901, (90-91).

Blosyrus haroldi n. sp. East Africa. **Fst.** In: **Hartmann, F.** D. ent. Zs., Berlin, 1904, (369).

Bouthaina n. gen., *B. fausti*, *B. solitaria* nn. spp. Celebes. **Heller, K.** Dresden, Abh. Zool. Mus., 9, Nr. 5, 1901, (1-16).

Bothynoderes nn. spp. **Faust, J.** D. ent. Zs., Berlin, 1904, (211-212).

Brachyleonus n. gen. **Faust, J.** l.c. (237).

Bryochacta nn. spp. Kamerun. **Heller, K. M.** Entomol. Tidskr., Stockholm, 25, 1904, (183-185, with pl.).

Calodemus n. gen., *C. vetustum*, *C. pullum*, *C. ligittatum*, *C. puberulum*, *C. inridum* nn. spp. **Faust, J.** D. ent. Zs., Berlin, 1904, (185, 233-234).

Catoptes nn. spp. New Zealand. **Broun, T.** Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (108-110).

Cecyropa nn. spp. New Zealand. **Broun, T.** l.c. (106).

Chalcodermus nn. spp. Central America. **Champion, G. C.** Col. I. Pt. 1. Biol. Centr. Amer., London, 1904, (318-325); *C. acneus*. **Chittenden, F. H.** Washington, D.C., Bull. U. S. Dept. Agric. Div. Ent., No. 44, 1904, (39-43, with text fig.).

Chaunoderus nn. spp. East Africa. **Hartmann, F.** D. ent. Zs., Berlin, 1904, (381-382).

Chromosomus nn. spp. **Faust, J.** l.c. (208).

Chrysolophus foreatus n. sp., *C. spectabilis* Dej., note as to variation. **Lea, A. M.** Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, 29, 1901, (101-102).

Cimbus venustus n. sp. Angola. **Hartmann, F.** Wr. Entomol. Ztg. Wien, 22, 1903, (23-30).

Cionellus n. subgen. (*Cionus*). **Reitter, E.** l.c. 23, 1904, (47-64).

Cionus nn. spp., nn. varr. Griechenland, Turkei, Kleinasien etc. **Reitter, E.** l.c. (47-64); *C. elegantulus* n. sp. Madagascar. **Fairmaire, L.** Bruxelles, Ann. Soc. ent. Belgique, 48, 1901, (251).

Cleogonus armatus n. sp. Mexico, Columbia. **Champion, G. C.** Vol. 4. Pt. 4. Biol. Centr. Amer., London, 1904, (315, pl. XVII, fig. 1).

Cleonus japonicus n. sp. **Faust, J.** D. ent. Zs., Berlin, 1904, (237).

Clypeorhynchus inophlocoides n. sp. New Zealand. **Broun, T.** Ann. Mag. Nat. Hist., London, (Ser. 7), 14, 1904, (117).

Cnemodontus nn. spp. **Faust, J.** D. ent. Zs., Berlin, 1904, (199).

Conapion nn. spp. East Africa. **Hartmann, F.** l.c. (396-397).

Conorhynchus nn. spp. **Faust, J.** l.c. (214-215).

Conotrachelus nn. spp. **Champion, G. C.** Vol. 4. Pt. 4. Biol. Centr. Amer., London, 1904, (343-440).

Coptorhynchus nn. spp. Celebes. **Heller, K.** Dresden, Abh. Zool. Mus., 9, Nr. 5, 1901, (1-16).

Copturus (*Eucopturus*) nn. spp. Brasilien. **Heller, K. M.** Bruxelles, Ann. Soc. ent. Belgique, 48, 1904, (292-294).

Cosmogaster n. gen. **Faust**, J. D. ent. Zs., Berlin, **1904**, (185, 230).

Cossonus nn. spp. East Africa. **Hartmann**, F. l.c. (369-419); *C. camerunus* n. sp. Kamerun. **Heller**, K. M. Entomol. Tidsk., Stockholm, **25**, 1904, (200-201).

Cratopus squalus n. sp. Madagascar. **Fairmaire**, L. Paris, Bul. soc. ent., **1903**, (67-70).

Crisius dorsalis n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (123).

Cryptorhynchus lapathi. **Webster**, F. M. Quarterly Journal of Proceedings. Columbus, Ohio, **16**, 1901, (146-155, with text fig.).

Deminca strumosa n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, No. 5, 1901, (1-46).

Derelomus nn. spp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (406-407).

Desmidophorus galericulus = *D. centralis*. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (247); *D. griseipes* n. sp. Madagascar. **Fairmaire**, L. l.c. (247).

Dicasticus lateralis n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (375).

Dichelotrox n. gen., *D. bimbianus* n. sp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (193-195, with pl.).

Dichthorhynchus albozebrinus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (252-253).

Dicranotropis n. gen., *D. ganglbaueri* n. sp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (186, 203).

Dinocleus nn. spp. Utah and Guerrero. **Casey**, T. L. Canad. Ent., Toronto, **36**, 1904, (321-322).

Dinosius n. gen., *D. asperipennis* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (238-239).

Dyscerus 6-punctatus n. sp. Java. **Hartmann**, F. Wr. Entomol. Ztg, Wien, **22**, 1903, (23-30).

Echinocnemus gracilirostris n. sp. Madagascar. **Fairmaire**, L. Bruxelles,

Ann. Soc. ent. Belgique, **48**, 1904, (241-242).

Ectemnomerus durianus n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, No. 5, 1901, (1-16).

Ectemnorhinus nn. spp. Südpolar-Expedition. **Enderlein**, G. Zool. Anz., Leipzig, **27**, 1904, (668-675).

Ellimenistes amoenus n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (386).

Engallus galaetoderus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (239).

Ephimeronotus n. gen. **Faust**, J. D. ent. Zs., Berlin, **1904**, (187, 234).

Epirhynchus humerosus n. sp. **Faust**, J. l.c. (221).

Eucleonus n. gen. for *E. tetragrammus* Pall. **Faust**, J. l.c. (188).

Euidosomus n. subgen. (*Eusomus*). **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (86-91).

Eupholus lorae n. sp. **Gestro**, R. Firenze, Boll. Soc. entom., **34**, (1902), (trimestre 1°-2°), 1902, (48-49).

Eusomatulus nov. subgen. (*Eusomus*). **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (86-91).

Eusomus sphaeropterus Alld., Gattungszugehörigkeit? *E. (Euidosomus) sandneri* n. sp. Transkankasien. **Reitter**, E. l.c. (86-91).

Gonocleonus scalptus n. sp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (206).

Gonoropterus n. gen., *G. spinicollis* n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (122).

Heteroglymma nn. spp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-16).

Heterostylus elongatus n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (374).

Hextacus n. gen., *H. rubidus* n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (125).

Hipporhynchus, monograph of the genus, nn. spp. **Marshall**, G. A. K. London, Proc. Zool. Soc., **1904**, 1, (6-141, pls. I-IV).

Holonyctus curtipennis n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1901, (237-238).

Hyppophylax n. nom. = *Stenophylax* Fairm. **Fairmaire**, L. *l.c.* (241).

Inophlocus nn. spp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (111-113).

Iseotrachelus nn. spp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (175-178).

Isomierus (*Isorhynchinorum*) n. gen., *I. causticus* n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (113-114).

Liunobaris lineigera n. sp. East Africa. **Hartmann**, F. *l.c.* (415).

Lithinus nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (242-243).

Lixomorphus n. gen. for *ocularis* Fabr. **Faust**, J. D. ent. Zs., Berlin, **1904**, (189).

Lixus nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (243-246); *L.* nn. spp. **Petri**, K. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (235-236); *L.* nn. spp. **Petri**, K. Wr. Entomol. Ztg. Wien, **23**, 1904, (65-77); *L. cafferarius* n. nom. = *L. carinicollii* Fähr, *L. fähræi* n. nom. = *L. hypocrita* Fähr, *L. petrii* = *L. macer* Petri. **Csiki**, E. *l.c.* (85); *L. reisei* n. sp. East Africa. **Faust**, in **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (369-419).

Mamuchus n. gen., *M. squamosopictus*, *M. inornatus* nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent., Belgique, **48**, 1904, (249-250).

Macaspis nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (225-229).

Mechistocerus vulgaris n. sp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (190-191, with pl.).

Mecinus, coléoptères anomaux. **Gadeau de Kerville**, H. Paris, Bul. soc. ent., **1903**, (88-89, av. fig.).

Megarhinus nn. spp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (402-405).

Mesocleonus n. gen. **Faust**, J. *l.c.* (189, 222).

Metialma neptis n. sp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (196); *M. pusilla* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent., Belgique, **48**, 1904, (248); *M. usambarica* n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (112).

Microcleonus n. gen. **Faust**, J. *l.c.* (183, 198).

Mimus usambaricus n. sp. East Africa. **Hartmann**, F. *l.c.* (117).

Molytophilus (*Molytinorum*) n. gen., *M. carinatus* n. sp. East Africa. **Hartmann**, F. *l.c.* (388).

Monophus n. gen. (= *Maecaspis praeditus* Fst.). **Faust**, J. *l.c.* (182, 196).

Myllocerus plebejus n. sp. East Africa. **Hartmann**, F. *l.c.* (387).

Nanophyes nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (250-251).

Nea n. gen., *N. princeps* n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-46).

Nemoxenus n. gen. for *zebra* Chev. **Faust**, J. D. ent. Zs., Berlin, **1904**, (230).

Neoniphades n. gen., *N. granicollis* n. sp. Assam. **Hartmann**, F. Wr. Entomol. Ztg. Wien, **22**, 1903, (23-30).

Neosyagrius n. gen., *N. cordipennis* n. sp. Australia. **Lea**, A. M. Agric. Gaz., Sydney, N. S. Wales, **15**, 1904, (515-516).

Nomimonyx n. gen., *N. perturbans* n. sp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (186, 222).

Nycterorhinus n. gen., *N. ebenus* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (252).

Ochthartrum aurivilliusi n. sp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (178-179).

Oreocharis nn. spp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1901, (120-121).

Ospilia ikuthana n. sp. Africa. **Heller**, K. M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (290-291).

Otiorrhynchus lazarevi n. sp. Servia. **Csiki**, E. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (591-592).

Pachycerus nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (223-224).

Pachyprius modicus n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (117).

Paralixus n. gen. for *Microcleonus distinguendus* (Desbr.), *M. tigratus* (Reitt.) **Csiki**, E. Wr. Entomol. Ztg, Wie n, **23**, 1904, (85).

P. raplesius (*Cosominorum*) n. gen., *P. plebejus* n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (309-419).

Parimera vitticollis n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-46).

Pentarthrum crassellum n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (123).

Pentatropis n. gen., *P. blandus* n. sp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (192, 193).

Peribleptus parallelus n. sp. Assam. **Hartmann**, F. Wr. Entomol. Ztg, Wien, **22**, 1903, (23-30).

Perilixus n. nom. = *Paralixus* Csiki. 1904. **Csiki**, E. Zool. Anz., Leipzig, **28**, 1904, (266-267).

Phanlosomus n. gen., *P. signatellus*, *P. kilimanus* nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (204-205).

Philacta maculifera n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (119).

Phylaitis sanguinosus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (218).

Phytonomus horváthi n. sp. Servia. **Csiki**, E. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (592).

Piezotrachelus nn. spp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (398-399).

Pissodes piniphilus. **Schmidt**. Ber. Vers. sächs. Forstver., Tharandt, **47**, 1903, (81-95); *P. validirostris* Gyll. = *strobili* Redtb. **Torka**, V. Posen, Zs. D. Ges. Wiss., natw. Abt., **11**, 1904, (6-9).

Platycopes globulus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (239).

Platymida brevicornis n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (107).

Polydrosus, histoire. **Pic**, M. Echange, Lyon, **20**, 1904, (31); *P. (Chorcodrys) cressius* n. sp. **Pic**, M. l.c. (4).

Prarchus n. gen. near *Sarjon* for *P. lewisi* n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (114).

Priororhinus nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (200).

Procas sibiricus n. sp. Sibérie. **Pic**, M. Echange, Lyon, **20**, 1904, (27).

Prodiptes similis n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1902, (1-46).

Pseudocleonus libanicus n. sp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (229).

Pseudomimus (*Cossoninorum*) n. gen., *P. corpulentus* n. sp. East Africa. **Hartmann**, F. l.c. (416).

Pseudoporopterus nn. spp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, No. 5, 1901, (1-46).

Pseudostromborrhinus n. gen., *P. dorsalis* n. sp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (191-193, with pl.).

Ptochus cretensis n. sp. **Pic**, M. Echange, Lyon, **20**, 1904, (4).

Raymondia auripes n. sp. La Kabylie. **Chobaut**, A. Paris, Bul. soc. ent., **1903**, (182-183).

Rhabdorhynchus crassicornis n. sp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (221).

Rhinocles ? modestus n. sp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (199-200, with pl.).

Rhypastus n. gen., *R. truncatulus* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (239-240).

Rhyssommatus nn. spp. **Champion**, G. C. Vol. 4. Pt. 4. Biol. Centr.-Amer., London, **1904**, (327-338).

Rhytipleus nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (240-241).

Sclerocardius indicus n. sp. Sumatra. **Hartmann**, F. Wr. Entomol. Ztg, Wien, **22**, 1903, (23-30).

Sclerosomus laticauda n. sp. Mexico. **Champion**, G. C. Vol. 4. Pt. 4. Biol. Centr.-Amer., London, **1904**, (314, pl. XVI, fig. 26).

Scotobephilus (*Menemachinorum*) n. gen., *S. odiosus* n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (111).

Scidlitzia maroccana Fairm., Beschreibung. **Reitter**, E. Wr. Entomol. Ztg, Wien, **20**, 1901, (203-211).

Sitona Ger. = *Sitones* Schönh. und Bemerkungen zur neuesten Bestimmungstabelle derselben. **Schenkling-Laucha**, L. Insektenbörse, Leipzig, **21**, 1901, (1-5).

Sphenomorpha spectabilis n. sp. New Guinea. **Hartmann**, F. Wr. Entomol. Ztg, Wien, **22**, 1903, (23-30).

Sphrigodes nn. spp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (383-385).

Stenolandra n. gen., *S. lacteostriata* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (253-251).

Stephanocleonus nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (244-258).

Stramia n. gen. for part of *Hipporhinus* and *Tanyrrhynchus* Boh. **Marshall**, G. A. K. London, Proc. Zool. Soc., **1904**, 1, (110).

Synaptoplus dentipennis n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (370).

Systates nn. spp. East Africa. **Hartmann**, F. l.e. (378-379).

Tapinelytrum n. gen., *T. mirabile* n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (39, 10, fig. 17).

Tapinomorphus (*Brachyderinorum*) n. gen., *T. setosus*, *T. metallicus* nn. spp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (372-373).

Temnorhinus nn. spp. **Faust**, J. l.e. (218).

Tetragonothorax nn. spp. **Faust**, J. l.e. (197).

Tigones dispar n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (107).

Timorus maximus n. sp. Brasilien. **Heller**, K. M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (294-295).

Tocris n. gen., *T. latirostris* n. sp. New Zealand. **Brown**, T. Ann. Mag.

Nat. Hist., London, (Ser. 7), **14**, 1904, (116).

Trachelomorpha bandii Seidl., Beschreibung. **Reitter**, E. Wr. Entomol. Ztg, Wien, **20**, 1901, (203-211).

Tragopus longicollis n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-16).

Trichobaris mucorea, life-history notes. **Bridwell**, J. C. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (41-16).

Trochorkhopulus corpulentus n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-16).

Tropiphorus serbicus n. sp. **Reitter**, E. Wr. Entomol. Ztg, Wien, **20**, 1901, (203-214).

Xanium n. gen., *X. ranhoefianum* n. sp. Südpolar-Expedition. **Enderlein**, G. Zool. Anz., Leipzig, **27**, 1901, (668-675).

Xanthocheilus nn. spp. Afrika. **Faust**, J. D. ent. Zs., Berlin, **1904**, (260-261).

Xenomacrus n. gen. **Faust**, J. l.e. (186, 201).

Yuccaborus lentiginosus n. sp. Texas. **Casey**, T. L. Canad. Ent., Toronto, **36**, 1904, (323).

Zantes nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (246-247).

Zurus spilothorax n. sp. Brasilien. **Heller**, K. M. l.e. (291-292).

SCOLYTIDAE.

GENERAL.

Formánek, R. Die Borkenkäfer (*Scolytidae*) der Sudetenländer. (Cechisch) Prostějov, Věstn. Kl. Přírod., **3**, 1901, (119-115).

SPECIAL.

Amasa thoracica Lea, referred to *Nyleborus*. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (106).

Brachyspartus nn. spp. Panama. **Blandford**, W. F. II. Col. 4, pt. 6. Biol. Centr. Amer., London, **1904**, (265).

Coccotrypes eggersii n. sp. **Hagedorn**, M. Allg. Zs. Ent., Neudamm, **9**, 1904, (147-452).

Corthylus, table of species and nn. spp. **Blandford**, W. F. H. Col. 4, Pt. 6. Biol. Centr. Amer., London, **1904**, (258-254).

Dendrocterus n. gen. near *Dryocoetes*, *D. mexicanus*, *D. sallaei* nn. spp. Mexico. **Blandford**, W. F. H. l.c. (233).

Glochinoecrus n. gen., *G. gemellus*, *G. retusipennis* nn. spp. **Blandford**, W. F. H. l.c. (267).

Gnathotrichus nn. spp. **Blandford**, W. F. H. l.c. (247-248).

Hylesinus, Generationsfrage. **Nüsslin**, O. Forstwiss. Centralbl., Berlin, **26**, 1904, (1-15); *H. fiei* n. sp. Australia. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (103).

Hylocurus spinifex n. sp. Mexico. **Blandford**, W. F. H. Col. 4, Pt. 6, Biol. Centr. Amer., London, **1904**, (225, pl. VII, fig. 23).

Hyलगург pinniperda. **Schmidt**. Ber. Vers. sächs. Forstver., Tharandt, **47**, 1903, (81-95).

Hypothenemus, synonymy, distribution, and nn. spp. **Blandford**, W. F. H. Col. 4, Pt. 6, Biol. Centr.-Amer., London, **1904**, (228-230).

Mesoscolytus n. gen., *M. inurbanus* n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (125-126).

Metacorthylus n. gen., *M. nigropennis* n. sp. Panama. **Blandford**, W. F. H. Col. 4, Pt. 6, Biol. Centr.-Amer., London, **1904**, (263, pl. VIII, fig. 10).

Pityophthorus nn. spp. **Blandford**, W. F. H. l.c. (236-245).

Platypus omnivorus n. sp., *P. australis* Chp., note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (104-105).

Polygraphus, Generationsfrage. **Nüsslin**, O. Forstwiss. Centralbl., Berlin, **26**, 1904, (1-15).

Pterocyclon, characters, synonymy, and nn. spp. **Blandford**, W. F. H. l.c. 268-280).

Scolytoplatypus hamatus n. sp. Java. **Hagedorn**, M. Insektenbörse, Leipzig, **21**, 1904, (260-261).

Scolytus, Generationsfrage. **Nüsslin**, O. Forstwiss. Centralbl., Berlin, **26**, 1904, (1-15).

Styphlosoma n. gen. near *Cryphalus*, *S. granulatum* n. sp. Panama. **Blandford**, W. F. H. l.c. (232).

Tomicus, Generationsfrage. **Nüsslin**, O. Forstwiss. Centralbl., Berlin, **26**, 1904, (1-15); *T. cembrae* Heer, Lebensweise. **Keller**, C. Natw. Zs. Landw., Stuttgart, **1**, 1903, (337-342).

Xyleborus dispar, larval structure, habits. **Chapman**, T. A. London, Trans. Ent. Soc., **1904**, (100-102).

Xylopertha compressa Lea, *X. hirsuta* Lea, *X. parva* Lea referred to *Xyleborus*. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (106).

STREPSIPTERA.

GENERAL.

Du Buysson, R. Note pour servir à l'histoire des Strepsiptères. Paris, Bul. soc. ent., **1903**, (174-175).

SPECIAL.

Xenos moutoni n. sp. **Du Buysson**, R. Paris, Bul. soc. ent., **1903**, (174-175).

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ERRATA IN THIRD ANNUAL ISSUE.

- p. 132, col. 1, l. 20, for Greig read Grieg.
- p. 355, col. 2, ll. 7, 8, 16, 17, 51 and 52, for Sars 122 read Sars 123.
- p. 356, under DIAPTOMUS and **Hemidiaptomus** for Sars 122 read Sars 123.
- p. 358, col. 1, l. 18, for Sars 122 read Sars 123.
- p. 360, under SCAPHOLEBERIS and **Simocephalus** for Sars 122 read Sars 123.
- p. 370, col. 2, l. 3 from bottom for 1 read 2.
- p. 380, col. 1, l. 7, for I read 2.
- p. 416, col. 1, l. 6, for ? read 2.
- p. 562, col. 2, l. 18, for (11) read (11).
- p. 816, col. 2, l. 3, for 256 read 258.

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